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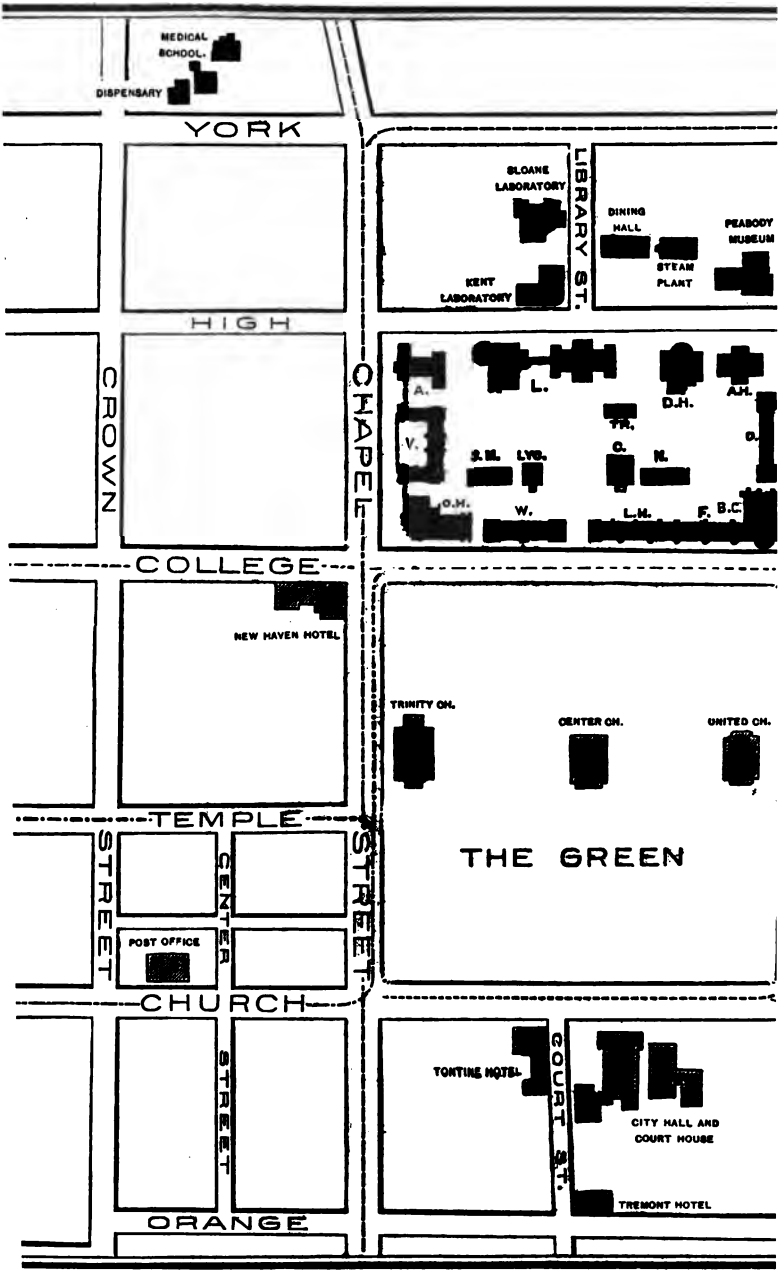

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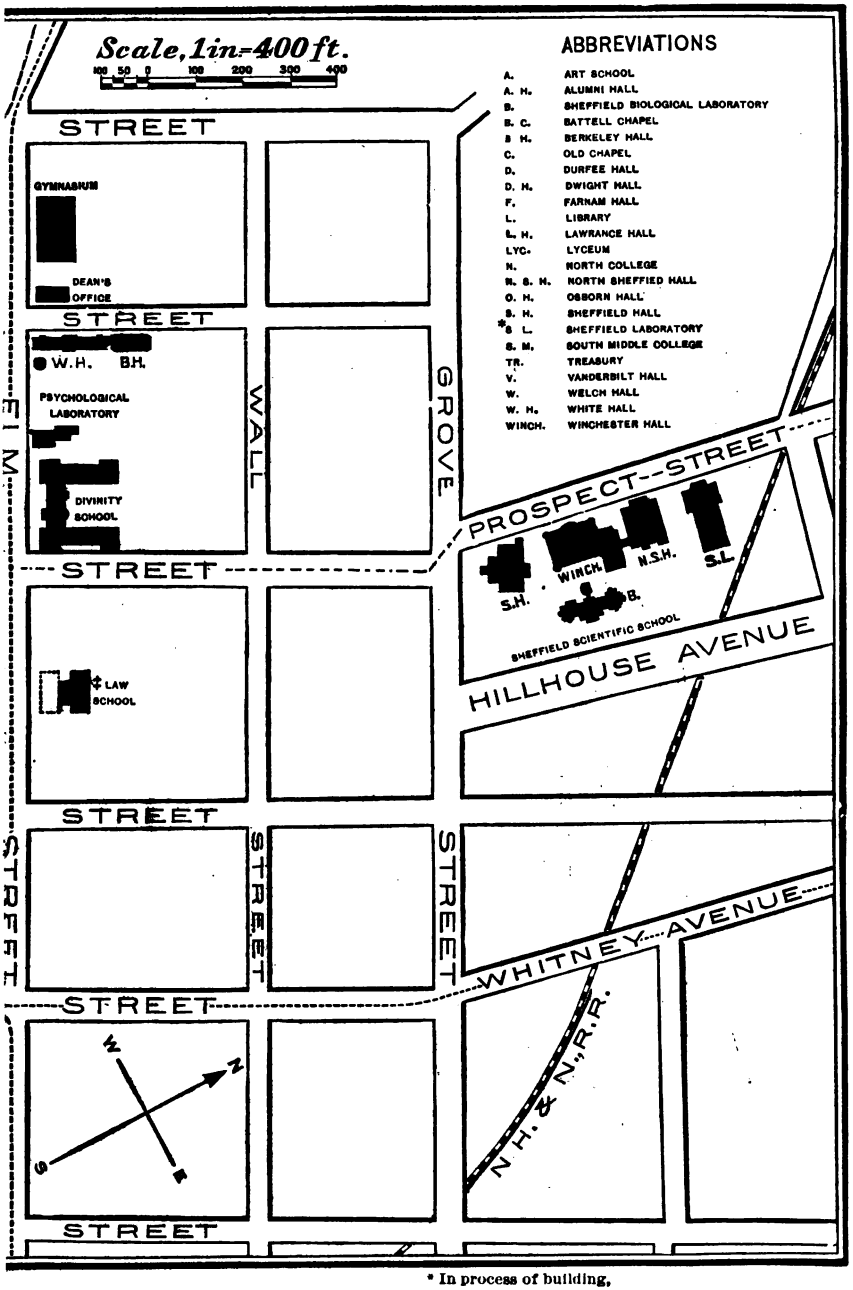

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CXCV YEAR

1894–95

NEW HAVEN:
THE TUTTLE, MOREHOUSE & TAYLOR PRESS
1894

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ABBREVIATIONS, OFFICE HOURS, ETC.

A., Absent on leave; B. Berkeley Hall; B. L., Sheffield Biological Laboratory; C., Old Chapel; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; N., North College; N. S. H., North Sheffield Hall; O., Osborn Hall; P., Peabody Museum; S. H., Sheffield Hall; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

The College rooms numbered from 1 to 69 are in Vanderbilt Hall; from 70 to 96 in South Middle College; from 97 to 128 in North College; from 129 to 177 in Farnam Hall; from 178 to 185 in the Lyceum; from 186 to 200 in the Old Chapel; from 201 to 240 in Durfee Hall; from 241 to 282 in Lawrance Hall; from 283 to 330 in Welch Hall; from 331 to 382 in White Hall; from 383 to 422 in Berkeley Hall.

The rooms in East Divinity Hall are numbered from 1 to 54; in West Divinity Hall from 55 to 124.

The rooms in Sheffield Hall are numbered from 1 to 21; in North Sheffield Hall from 25 to 58; in the Sheffield Biological Laboratory from 60 to 79; in Winchester Hall, from 100 to 135.

THE PRESIDENT is in his room, No. 7 Treasury Building, from 10.30 A. M. to 12 M., every week-day during term-time.

THE TREASURER'S OFFICE, No. 5 Treasury Building, is open from 9 A. M. to 3 P. M., every week-day during term-time, and from 10 A. M. to 1 P. M. during vacations.

THE SECRETARY'S office is in the Library, which is open every week-day during term-time, from 9 A. M. to 5 P. M.

THE DEAN OF THE COLLEGE is in his room, No. 135 Elm st., every week-day during term-time, from 10 A. M. to 12 M.

THE DIRECTOR OF THE SHEFFIELD SCIENTIFIC SCHOOL is in his office, No. 3 Sheffield Hall, every week-day during term-time, from 10 A. M. to 12 M.

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The Catalogue is published in December, and is sold at twenty-five cents a copy,—or thirty cents if postage is included. (Bound copies at fifty cents,—postpaid, sixty cents.) A copy of the special circular of any Department is furnished without charge.

A list of the Graduates of the University is published triennially,—the last edition in 1892; a copy will be supplied to any graduate desiring it, on receipt of the postage (nine cents); copies may be obtained by other persons at cost price, fifty cents, with postage.

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1894		
27 Sept.	Thursday	FIRST TERM begins.
1 Oct.	Monday	School of the Fine Arts, term begins.
4 Oct.	Thursday	First Term, Medical School, begins.
28 Nov.	Wednesday	THANKSGIVING RECESS begins, 1 P. M.
30 Nov.	Friday	RECESS ends, 8 A. M.
19 Dec.	Wednesday	FIRST TERM ends.
		Winter Vacation
1895		
8 Jan.	Tuesday	SECOND TERM begins.
10 Jan.	Thursday	Second Term, Medical School, begins.
4 April	Thursday	Junior Exhibition.
10 April	Wednesday	SPRING RECESS begins, 1.20 P. M.
11 April	Thursday	Spring Term, Law School, begins.
18 April	Thursday	RECESS ends, 8 A. M.
18 April	Thursday	Third Term, Medical School, begins.
1 May	Wednesday	John A. Porter Prize Essays due.
6 May	Monday	Berkeley Scholarship Examination.
6 May	Monday	Bristed Scholarship Examination begins.
15 May	Wednesday	Anniversary of the Divinity School.
20 May	Monday	Woolsey Scholarship Examination begins.
20 May	Monday	Winthrop Prize Examination.
31 May	Friday	School of the Fine Arts, term ends.
21 June	Friday	DeForest Prize Speaking.
23 June	Sunday	Baccalaureate Sermon.
24 June	Monday	Class-Day Exercises.
24 June	Monday	Anniversary of the Sheffield Scientific School.
25 June	Tuesday	Anniversary Meeting of the Alumni.
25 June	Tuesday	Anniversary of the Medical School.
25 June	Tuesday	Anniversary of the Law School.
26 June	Wednesday	COMMENCEMENT.
27 June	Thursday	Examinations for admission begin.
		Summer Vacation
23 Sept.	Monday	Examinations for admission begin.
26 Sept.	Thursday	FIRST TERM begins.
1 Oct.	Tuesday	School of the Fine Arts, term begins.
3 Oct.	Thursday	First Term, Medical School, begins.
18 Dec.	Wednesday	FIRST TERM ends.

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Assistant in Physics in the Sloane Laboratory 307 W.

EDWIN H. LOCKWOOD, M.E.
Instructor in Drawing and Mechanism 57 N. S. H.

CHARLES A. TUTTLE, M.D.
Lecturer on Orthopaedic Surgery 129 Whalley av.

LEONARD W. BACON, JR., M.D.
Assistant in the Surgical Clinic 294 Elm st.

PHILIP E. BROWNING, PH.D.
Instructor in Chemistry (Kent Laboratory) 106 Howe st.

EDWARD F. BUCHNER, PH.D.
Instructor in Pedagogy and Philosophy 186 Crown st.

Rev. HARLAN CREELMAN, PH.D.
Instructor in Biblical Literature 183 Lawrence st.

JAMES P. PIERPONT, PH.D.
Lecturer on Mathematics 390 Howard av.

PAUL S. ROBINSON, M.D.
Assistant in the Medical Clinic 164 Grand av.

J. ALLEN GILBERT, PH.D.
Assistant in the Psychological Laboratory 34 Hillhouse av.

WALTER I. LOWE, B.A.
Instructor in History 238 Whalley av.

FRANK R. RICH, PH.B.
Assistant in German 55 Dwight pl.

JOHN C. TRACY, C.E.
Instructor in Civil Engineering and Drawing (56 N. S. H.) 55 Dwight pl.

RALPH A. MCDONNELL, M.D.
Clinical Assistant in Dermatology 312 Elm st.

HARRY G. DAY, PH.B., LL.B.
Instructor of Quiz-Clubs 83 Elm st.

ROGER S. BALDWIN, B.A., M.L.
Instructor of Quiz-clubs (69 Church st.) 44 Wall st.

WILLIAM C. MARSHALL, M.E.
Assistant in Mechanical Engineering 152 Grove st.

ROBERT E. PECK, M.D.
Assistant in the Medical Clinic 486 Elm st.

GEORGE P. STARKWEATHER, M.E.
Assistant in Drawing and Applied Mechanics 344 Cedar st.

LAFAYETTE B. MENDEL, PH.D.
Instructor in Physiological Chemistry (63 B. L.) 22 Trumbull st.

HENRY A. BUMSTEAD, B.A.
Instructor in Physics (119 WINCH.) 83 Grove st.

WESLEY R. COE, PH.B.
Laboratory Assistant in Biology 2 Hillhouse av.

ARTHUR L. DAY, PH.D.
Instructor in Physics (Sloane Laboratory) 25 High st.

PERCY T. WALDEN, PH.B.
Instructor in Chemistry 338 Orange st.

HENRY S. ANDERSON,
Instructor in Gymnastics (Gymnasium) 33 Edgewood av.

WARREN A. SPALDING,
Demonstrator of Pharmacy 9 High st.

MILES A. POND, PH.B.
Assistant in Drawing 57 Grove st.

FRANCIS M. ADAMS, PH.B.
Laboratory Assistant in Physics 146 Edwards st.

D. ALBERT KREIDER, B.A.
Laboratory Assistant in Chemistry (Kent Lab'y.) 266 York st.

CLARENCE C. WILSON, B.A.
Assistant in Mechanism 57 N. S. H.

Rev. WILLIAM S. MORGAN, B.D.
Lecturer on the History of Philosophy 186 Crown st.

CLIVE DAY, B.A.
Instructor in German 25 High st.

THEOPHILUS NELSON, PH.B.
Instructor in Mathematics 57 Lake pl.

BERTRAM B. BOLTWOOD, PH.B.
Laboratory Assistant in Analytical Chemistry 46 College st.

OTIS G. BUNNELL, PH.B.
Assistant in French 96 York sq.

WILLIAM A. GRANVILLE, PH.B.
Instructor in Mathematics (46 N. S. H.) 96 Greene st.

WILLIAM T. H. HOWE, PH.B.
Instructor in Chemistry 53 Prospect st.

CHARLES A. INGERSOLL, PH.B.
Assistant in Descriptive Geometry 24 Elm st.

ALTON W. PEIRCE, B.A.
Laboratory Assistant in Chemistry (Kent Lab'y.) 117 Elm st.

JOSEPH H. PRATT, PH.B.
Laboratory Assistant in Mineralogy 99 Howe st.

GEORGE H. LANGZETTEL,
Clerk and Librarian of the Art School, and Assistant in Drawing 725 Whitney av.

WILLIAM H. PARKER, B.S.
Assistant in Chemistry 99 Sherman av.

ARTHUR L. WHEELER, B.A.
Instructor in Latin 373 Crown st.

LOOMIS BURRELL, PH.B.
Laboratory Assistant in Analytical Chemistry 421 Temple st.

EVERETT B. HURLBURT, PH.B.
Laboratory Assistant in Chemistry 145 College st.

WILLARD G. VANNAME, B.A.
Laboratory Assistant in Physiological Chemistry 121 High st.

ISIDOR TROOSTWYK,
Instructor in Violin-Playing 26 Lyon st.

CHARLES V. HENRY,
Assistant Librarian of the Law School 266 York st.

OTHER OFFICERS

LEWIS E. OSBORN, *Clerk in the Sheffield Scientific School* (3 S. H.) 406 Orange st.

FRANK E. HOTCHKISS, *Superintendent of Grounds and Buildings* 90 High st.

WILLABE HASKELL, PH.D., *Superintendent of the Reading Room* (Reading Room) 96 Dwight st.

ANNIE E. HUTCHINS, *Assistant in the Library* (Library) 203 Norton st.

J. PRESTON STRONG, *Clerk in the Treasurer's Office* (5 TR.) 222 Sherman av.

GEORGE H. BUTLER, *Clerk in the Treasurer's Office* (5 TR.) 136 Dwight st.

WILLIAM E. ROWLAND, *Clerk in the Treasurer's Office* (5 TR.) 212 Orchard st.

HENRY R. GRUENER, *Assistant in the Library* (Library) 522 Howard av.

Mrs. HENRIETTA C. GILBERT, *Assistant in the Library* (Library) 6 University pl.

Mrs. JESSIE C. HARGER, *Assistant in the Library* (Library) 14 University pl.

VERTNER KENERSON, M.A., *Proctor, and Steward of the Dining Hall* 1018 Chapel st.

HARRY B. JEPSON, B.A., MUS.B., *Organist of Battell Chapel* 52 Howe st.

WILLIAM H. SALLMON, B.A., *Superintendent of Dwight Hall, and Secretary of the Yale Young Men's Christian Association* Dwight Hall

GRADUATE FELLOWS AND SCHOLARS

GUSTAV A. ANDREEN, B.A., *Scholar in the Graduate Department* — 99 Winchester av.

ANNA A. CUTLER, B.A., *Scholar in the Graduate Department* — 284 Orange st.

JACOB WESTLUND, B.A., *Scholar in the Graduate Department* — 30 Compton st.

LESLIE D. BISSELL, B.A., *John Sloane Fellow in the Academical Department* — 307 W.

MARY A. SHUTE, B.A., *Scholar in the Graduate Department* — 137 Wall st.

WARREN J. MOULTON, M.A., B.D., *Hooker Fellow in the Divinity School* — 38 E. D.

GEORGE C. THOMPSON, M.A., *Scholar in the Graduate Department* — 138 St. John st.

SHUNKICHI KIMURA, B.S., *Fellow in the Graduate Department* — 18 Gill st.

CLIFTON PRICE, B.A., *Fellow in the Graduate Department* — 103 Park st.

JOHN A. BOWNOCKER, B.S., *Scholar in the Graduate Department* — 17 Lake pl.

J. ALLEN GILBERT, Ph.D., *Fellow in the Graduate Department* — 34 Hillhouse av.

WILLIAM M. WELLER, B.A., Ph.B., *Scholar in the Graduate Department* — 94 W. D.

FRANK R. RICH, Ph.B., *Scholar in the Graduate Department* — 55 Dwight pl.

CURTIS C. BUSHNELL, B.A., *Scholar in the Graduate Department* — 19 Perkins st.

CHARLES S. INGHAM, B.A., *Foote Fellow in the Academical Department* — 2 Hillhouse av.

CARL E. SEASHORE, B.A., *Scholar in the Graduate Department* — 149 St. John st.

WILLIAM I. CRANFORD, B.A., *Scholar in the Graduate Department* — 305 George st.

CHARLES S. HAYNES, B.A., B.D., *Dwight Fellow in the Divinity School* — Berlin, Germany

D. ALBERT KREIDER, B.A., *Scholar in the Graduate Department* — 266 York st.

WILLIAM S. MORGAN, B.D., *Scholar in the Graduate Department* — 186 Crown st.

KATE H. CLAGHORN, B.A., *Scholar in the Graduate Department* — 83 Grove st.

CLIVE DAY, B.A., *Larned Fellow in the Academical Department* — 25 High st.

WINTHROP E. DWIGHT, B.A., *Foote Fellow in the Academical Department* — 126 College st.

T. WOOLSEY HEERMANCE, B.A., *Soldiers' Memorial Fellow in the Academical Department* — Athens, Greece

RICHARD T. HOLBROOK, B.A., *W. W. DeForest Scholar in the Academical Department* — Paris, France

JESSE B. JOHNSON, B.A., *Foote Fellow in the Academical Department* — 45 Whalley av.

ALTON W. PEIRCE, B.A., *Larned Fellow in the Academical Department* — 117 Elm st.

M. VICTOR STALEY, M.A., *Scholar in the Graduate Department* — 125 Dwight st.

JOHN D. WARNOCK, B.A., *Douglas Fellow in the Academical Department* — 122 Howe st.

ARTHUR L. WHEELER, B.A., *Scott Hurtt Fellow in the Academical Department* — 373 Crown st.

FRANK L. MCVEY, B.A., *Scholar in the Graduate Department* — 64 Whalley av.

WENDELL M. STRONG, B.A., *Clark Scholar and Waterman Scholar in the Academical Department* — 41 High st.

FRANK H. CHASE, B.A., *Clark Scholar in the Academical Department* — 51 Trumbull st.

HARRY W. DUNNING, B.A., *Scholar in the Graduate Department* — 473 Elm st.

GERVASE GREEN, B.A., *Macy Fellow in the Academical Department* — 1233 Chapel st.

ROBERT H. NICHOLS, B.A., *Eldridge Fellow in the Academical Department* — 116 College st.

ISAAC K. PHELPS, B.A., *Silliman Fellow in the Academical Department* — 347 Crown st.

EDWARD B. REED, B.A., *Eldridge Fellow in the Academical Department* — 58 W. D.

WILLIAM R. TUTTLE, B.A., B.S., *Scholar in the Graduate Department* — 34 Hillhouse av.

WILLARD G. VANNAME, B.A., *Larned Fellow in the Academical Department* — 121 High st.

GOVERNMENT OF THE UNIVERSITY

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN," or "YALE UNIVERSITY;" the powers of this body have been granted and confirmed in the following order.

THE COLLEGIATE SCHOOL OF CONNECTICUT, subsequently named YALE COLLEGE, and now called YALE UNIVERSITY, was founded in the summer of 1701 by the combined action of a few of the ministers in Connecticut, who obtained in October of that year a Charter from the Colony Legislature, which runs as follows:—

AN ACT FOR LIBERTY TO ERECT A COLLEGIATE SCHOOL.

WHEREAS several well disposed, and Publick spirited Persons of their sincere regard to & Zeal for upholding & Propagating of the Christian Protestant Religion by a succession of Learned & Orthodox men have expressed by Petition their earnest desires that full Liberty and Priveledge be granted unto certain Undertakers for the founding, suitably endowing & ordering a Collegiate School within his Maj^ties^ Colony of Connecticot wherin Youth may be instructed in the Arts & Sciences who thorough the blessing of Almighty God may be fitted for Publick employment both in Church & Civil State. To the intent therefore that all due incouragement be Given to such Pious Resolutions and that so necessary & Religious an undertakeing may be sett forward, supported and well managed:—

BE IT ENACTED by the Govern^r^ & Company of the s^d^ Colony of Connecticot in General Court now Assembled, And it is enacted & ordained by the Authority of the same that there be & hereby is full Liberty, Right and Priveledge Granted unto the Reverend M^r^ James Noyes of Stonnington, M^r^ Israel Chauncey of Stratford, M^r^ Thomas Buckingham of Saybrook, M^r^ Abraham Pierson of Kennelworth, M^r^ Samuel Mather of Windsor, M^r^ Samuel Andrew of Milford, M^r^ Timothy Woodbridge of Hartford, M^r^ James Pierpont of New Haven, M^r^ Noadiah Russel of Middletown, M^r^ Joseph Webb of Fairfield, being Rev^rd^ Ministers of the Gospel & inhabitants within y^e^ s^d^ Colony,

proposed to stand as Trustees, Partners or Undertakers for the s[d] School, to them and their successors, To ERECT, form, direct, order, establish, improve and att all times in all suitable wayes for the future to encourage the s[d] School in such convenient place or Places, & in such form & manner & under such orders & Rules as to them shall seem meet & most conducive to the afores[d] end thereof, so as such Rules or Orders be not repugnant to the Laws of the Civil Goverm[t], as also to employ the moneys or any other estate which shall be Granted by this Court or otherwise Contributed to that use according to their discretion for the benefit of the s[d] Collegiate School from time to time & att all times henceforward.

And be it further ENACTED by the Authority afores[d] that the before named Trustees, Partners or Undertakers together with such others as they shall associate to themselves (not exceeding the number of Eleven, or att any time being less than Seven. Provided also that Persons nominated or associated from time to time to fill up s[d] number be ministers of the gospel inhabiting within this Colony & above the Age of forty years) or the major Part of them, the s[d] M[r]. James Noyes, [etc.] undertakers, & of such Persons so chosen & associated as aboves[d] att any time hereafter, HAVE and shall have henceforward the oversight, full & compleat Right, Liberty, power & Priveledge to furnish, direct, manage, order, improve & encourage from time to time & in all times hereafter the s[d] Collegiate School so Erected & formed by them in such ways, orders & manner & by such Persons, Rector or Master and officers appointed by them, as shall according to their best discretion be most conducible to attaine the afores[d] mentioned end thereof. . . . . .

It is also further Enacted by the Authority afores[d] that the s[d] Undertakers & Partners & their successors be & hereby are further empowered to have, accept, acquire, purchase or otherwise lawfully enter upon Any Lands, Tenements & Hereditam[ts] to the use of the s[d] School, not exceeding the value of five hundred Pounds p[r] Anñ, & any Goods, Chattels, Sum or Sums of money whatsoever as have heretofore already been Granted, bestowed, bequeathed or given, or as from time to time shall be freely given, bequeathed, devised or settled by any Person or Persons whatsoever upon & to & for the use of y[e] s[d] School towards the founding, erecting or endowing the same, & to sue for, Recover & receiv all such Gifts, Legacies, bequests, annuities, Rents, issues & profits arising therefrom & to imploy the same accordingly, & out of y[e] estate, Revenues, Rents, profits, incoms accrueing & belonging to s[d] School to support & pay as the s[d] Undertakers shall agree & see cause, the s[d] Rector or Master, Tutors, Ushers or other officers their Respective annual Salaries or Allowances. As also for the encouragem[t] of the Students to grant degrees or Licences as they or those deputed by them shall see cause to order & appoint.

Under this Charter the Collegiate School was begun in November, 1701, at Saybrook, where it continued until its removal to New Haven, in October, 1716. In September, 1718, the name of YALE COLLEGE was given by the Trustees to the School, in honor of the benefactions of ELIHU YALE, of London, lately Governor of the East India Company's settlement at Madras.

In 1723 an "ACT IN EXPLANATION OF AND ADDITION TO THE ACT FOR ERECTING A COLLEGIATE SCHOOL" was passed by the General Assembly, with the following provisions :—

WHEREAS Pursuant to the Powers and Priviledges granted to Certain Trustees for Erecting a Collegiate School in this Colony Entituled an Act for a Collegiate School, the Said Trustees have Erected the said School in the Town of New-Haven which School is now known by the Name of Yale Colledge; And Whereas it appears to this Assembly that an Explanation and Enlargement of the powers and priviledges granted by Said Act is Necessary for the Carrying on the Affairs of the Said Colledge, for want of which it has Laboured under great difficulties very much to the prevention of that Order and good Education which is to be desired there:

Bee it therefore Enacted by the Governour, Council and Representatives in Generall Court assembled and by the Authority of the Same that the Said Act which provides that the Number of the Said Trustees be not under Seven nor above Eleven is not to be Understood or Taken so as to be restrictive of the power of the Said Trustees Never to Choose any person to be a Trustee, when there is of Such persons as have been Chosen and Acted as Trustees Eleven persons Living in the Colony or Elsewhere, but that in Case any person so Chosen be by Providence Incapacitated from attending that Service or shall himself decline the Same thro' the Necessity of his own Affairs or for any other such Reason as he shall Judge requisite, the Trustees in any of their Meetings Lawfully Called may be Understood to have and it is hereby Enacted and declared that they shall be Taken to have full power by the Majority of Such Meeting to proceed to the Choice of Another Trustee in the Room of any such person. And it is hereby further declared and Enacted to be the True Intent and Meaning of the Act afores[d] that the said Trustees shall be Impowered and they are hereby declared to have power to Meet Together for Considering, Advising about and Resolving upon all Matters belonging to the Trust of the Said Colledge committed unto them as afores[d] and to Agree and Conclude, Order and determine Concerning them by the Majority of the

Said Meeting, and by the same Majority to Choose and Appoint a Clerk who shall, in a fair book prepared for that End, Register and Carefully preserve the Acts of all such Meetings.

And WHEREAS it has been doubted what Number of the Said Trustees may be Lookt upon as a Sufficient or full Meeting, Inasmuch as there is not in the afores[d] Act any Express mention made of any Meeting of the said Trustees; It is therefore to prevent all Scruple of that kind for the future hereby provided and declared that due Notice being given to the Trustees by Consent of any three of them of a Meeting of the Trustees desired at any Time or place, and Seven or more of the Trustees present at such Time and place shall be Esteemed a full Meeting. And it is hereby declared and Enacted that in all such Meetings, so Called, or Otherwise as the said Trustees in any such Meeting shall agree, all affairs under the Care of the said Trustees shall be determined by the majority of such meeting.

And WHEREAS it has been found Inconvenient that in the Election of Persons to be Trustees, the Trustees Election by the afores[d] Act should by Limitted and restrained so as that the Person who shall be Chosen must Necessarily be fourty Years of age; It is hereby declared and Enacted that for the future the said Trustees in any Election of a person into that Trust shall not be Esteemed or held Obliged by said Act to Choose such a person as shall be above fourty Years of Age, but may Choose such a person otherwise Qualifyed According to said Act, Provided he is thirty Years of Age. And it is further hereby Allowed, Enacted, Granted and Provided that whosoever shall be Chosen and made a Rector of the said Colledge shall by Virtue thereof become a Trustee of the same and be so Esteemed and Taken during his Continuance in the said Rectorship.

In 1745 a thoroughly revised Charter was granted by the Assembly; the provisions of permanent interest are as follows:—

An ACT *for the more full and complete Establishment of* YALE COLLEGE *in* NEW HAVEN, *and for enlarging the Powers and Privileges thereof.*

WHEREAS upon the Petition of several well-disposed and public-spirited Persons expressing their desire that full Liberty and Privilege might be granted unto Certain Undertakers for the founding, suitably endowing and ordering a *Collegiate School*, within this Colony, wherein Youth might be instructed in the Arts and Sciences, the Governor and Company of the said Colony in General Court assembled at *New Haven*, on the Ninth Day of October, in the Year of our Lord 1701, Granted unto the Rev'd Messrs. *James Noyes* [etc.], who were

proposed to stand as Trustees, Partners or Undertakers for the Society, and to their Successors, full Liberty, Right and Privilege to erect, form, direct, order, establish, improve, and at all Times in all suitable Ways to encourage the said School in some convenient Place in this Colony, and granted sundry Powers and Privileges for the attaining the End aforesaid;

And Whereas the said Trustees, Partners or Undertakers in pursuance of the aforesaid Grant, Liberty and License, founded a *Collegiate School* at *New Haven*, known by the Name of YALE COLLEGE, which has received the favorable Benefactions of many Liberal and piously disposed Persons, and under the Blessing of Almighty God has trained up many worthy Persons for the Service of God in the State as well as in the Church;

And Whereas the General Court of this Colony assembled at *New Haven*, the Tenth day of October, in the Year of our Lord 1723, did explain and enlarge the aforesaid Powers and Privileges granted to the aforesaid Partners, Trustees or Undertakers and their Successors, for the Purpose aforesaid; as by the respective Acts, reference thereto being had, more fully and at large may appear;

And Whereas the Rev'd Messrs. *Thomas Clap*, *Samuel Whitman*, *Jared Eliot*, *Ebenezer Williams*, *Jonathan Marsh*, *Samuel Cooke*, *Samuel Whittelsey*, *Joseph Noyes*, *Anthony Stoddard*, *Benjamin Lord*, and *Daniel Wadsworth*, the present Trustees, Partners and Undertakers of the said School, and Successors of those beforementioned, have petitioned, that the said School, with all the Rights, Powers, Privileges and Interests thereof, may be confirmed, and that such other additional Powers and Privileges may be granted as shall be necessary for the Ordering and Managing the said School, in the most advantageous and beneficial Manner for the promoting all good Literature in the present and succeeding Generations:

Therefore,

THE GOVERNOR and COMPANY of his Majesty's said English Colony of *Connecticut* in General Court assembled, this Ninth Day of *May*, in the Year of our Lord 1745, enact, ordain, and declare, and by these Presents it is enacted, ordained and declared—

That the said *Thomas Clap* [etc.], shall be an *Incorporate Society* or *Body Corporate and Politic*, and shall hereafter be called and known by the name of THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN, and that by the same Name they and their Successors shall and may have perpetual Succession, and shall and may be Persons in the Law capable to plead and be impleaded, defend and be defended, and answer and be answered unto; and also to have, take, possess, acquire, purchase or otherwise receive Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates and the same Lands, Tenements,

Hereditaments, Goods, Chattels, or other Estates to grant, demise, lease, use, manage or improve for the Good and benefit of the said *College*, according to the Tenor of the Donation, and their Discretion.

That all Gifts, Grants, Bequests, and Donations of Lands, Tenements, or Hereditaments, of Goods and Chattels heretofore made to or for the Use, Benefit and Advantage of the *Collegiate School* aforesaid, whether the same be expressed to be made to the President or Rector, and to the rest of the Incorporate Society of *Yale College*, or to the Trustees or Undertakers of the *Collegiate School* in *New Haven*, or to the Trustees by any other Name, Style or Title whatsoever, whereby it may be clearly known and understood that the true Intent and Design of such Gifts, Grants, Bequests and Donations, was to or for the Use, Benefit and Advantage of the Collegiate School aforesaid, and to be under the Care and Disposal of the Governors thereof, shall be confirmed, and the same hereby are confirmed, and shall be and remain to, and be vested in the President and Fellows of the *College* aforesaid, and their Successors, as to the true and lawful Successors of the original Grantees.

That the said PRESIDENT AND FELLOWS and their Successors shall and may hereafter have a common Seal, to serve and use for all Causes, Matters and Affairs of them and their Successors, and the same Seal to alter, break and make new as they shall think fit.

That the said THOMAS CLAP shall be, and he is hereby established the present PRESIDENT, and the said *Samuel Whitman* [etc.], shall be, and they are hereby established the present FELLOWS of the said College, and that they and their Successors shall continue in their respective Places during Life, or until they or either of them shall resign, or be removed, or displaced, as in this Act is hereafter expressed.

That there shall be a General Meeting of the *President and Fellows* of said *College*, in the College Library on the second Wednesday of September annually, or at any other Time and Place which they shall see Cause to appoint, to consult, advise and act in and about the Affairs and Business of the said College; and that on any special Emergency, the President and two of the Fellows, or any four of the Fellows, may appoint a Meeting of the said College, provided they give Notice thereof to the Rest by Letters sent and Left with them, or at the Places of their respective Abode, five Days before such Meeting; and that the President and six Fellows, or in Case of the Death, Absence, or Incapacity of the President, seven Fellows, convened as aforesaid (in which Case the eldest Fellow shall preside), shall be deemed a Meeting of the President and Fellows of said College, and that in all the said Meetings, the Major Vote of the Members present shall be deemed the Act of the Whole, and where an Equivote happens, the President shall have a casting Vote.

That the President and Fellows of the said College and their Suc-

cessors, in any of their Meetings assembled as aforesaid, shall and may from Time to Time, as Occasion shall require, elect and appoint a President or Fellow in the Room and Place of any President or Fellow who shall die, resign, or be removed from his office, Place or Trust (whom the said Governor and Company hereby declare, for any Misdemeanor, Unfaithfulness, Default or Incapacity, shall be removable by the President and Fellows of the said College; Six of them, at least, concurring in such Act); and shall have Power to appoint a Scribe or Register, a Treasurer, Tutors, Professors, Steward and all such other Officers and Servants, usually appointed in Colleges or Universities, as they shall find necessary and think fit to appoint for the promoting good Literature, and the well ordering and managing the Affairs of said College; and them or any of them, at their Discretion, to remove; and to prescribe and administer such Forms of Oaths (not being contrary to the Laws of England or of this Colony) as they shall think proper, to be administered to all the Officers and Instructors of the said College, or to such and so many of them as they shall think proper, for the faithful Execution of their respective Places, Offices and Trusts.

That the President and Fellows shall have the Government, Care and Management of the said College and all the Matters and Affairs thereunto belonging, and shall have Power from Time to Time, as Occasion shall require, to make, ordain and establish all such wholesome and reasonable Laws, Rules and Ordinances, not repugnant to the Laws of England, nor the Laws of this Colony, as they shall think fit and proper for the Instruction and Education of the Students, and Ordering, Governing, Ruling and Managing the said College, and all Matters, Affairs, and Things thereunto belonging, and the same to Repeal and alter as they shall think fit.

That the President of said College, with the Consent of the Fellows, shall have Power to give and confer all such Honors, Degrees or Licenses as are usually given in Colleges or Universities, upon such as they shall think worthy thereof.

In 1792 a grant of money from the State of Connecticut was received, upon the condition that certain State officials should become members of the Board of Fellows, as below expressed:—

In case this grant shall be accepted, in manner as hereinafter provided, the Governor, Lieutenant Governor, and six senior assistants in the Council* of this State, for the time being, shall ever hereafter, by virtue of their said offices, be trustees or fellows of said College; and

* Changed in 1819 to the six senior senators.

shall together with the present President and Fellows of said College, and their successors, constitute one corporation, by the name and style mentioned in the charter of said College; and shall have and enjoy the same powers, privileges, and authority, in as full and ample a manner, as though they had been expressly named and included in said charter; And that in case of vacancy, by the death, or resignation, or in any other way, of any of the present Fellows of said College, and their successors, every such vacancy shall forever hereafter be supplied by them, and their successors, by election, in the same manner as though this act had never passed.

In the new Constitution of the State, adopted in 1818, the privileges conferred by the Charter were reaffirmed, as follows:—

ARTICLE VIII, SECT. 1.

The charter of Yale College, as modified by agreement with the Corporation thereof, in pursuance of an Act of the General Assembly, passed in May, 1792, is hereby confirmed.

In 1872, at the request of the Corporation, an Act was passed by the General Assembly, providing (as follows) for the substitution of graduates in the place of the six senators among the Fellows:—

SECTION 1.—All graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, on the day next preceding the public commencement day of said College, in the year of our Lord 1872, cast their votes, under such regulations as the President and Fellows may prescribe, for six persons to be chosen from among such graduates; and the six persons who shall be found to be elected by a plurality of the votes cast, shall be the Fellows of Yale College in the stead of the six senior senators of the State, and shall have all the rights, duties, and privileges as Fellows which are now by law conferred upon said senators. In case of an equality of votes between two or more candidates, the person who shall hold the said office of Fellow shall be designated by lot from among the persons receiving such equality of votes.

SECTION 2.—The Fellows thus elected shall enroll themselves by lot in six classes, one holding the office for six years, another for five years, another for four years, another for three years, another for two years, and

another for one year, eligible for re-election; and every year as a vacancy occurs, all graduates of the first degree, of five or more years' standing in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, upon the day next preceding commencement day, in the manner heretofore prescribed, elect by a plurality of votes a person to fill the vacancy, and hold the office of Fellow for a period of six years, eligible for re-election; and so whenever a vacancy shall occur from death, resignation, or any other cause, such graduates may elect a person at the next commencement to fill the office of Fellow for the remainder of the term in which a vacancy has occurred. The official year of such Fellows shall end with the day next preceding each commencement day.

In January, 1887, an Act passed the General Assembly of the State, authorizing the use of the title "YALE UNIVERSITY" by the President and Fellows of Yale College, and providing that gifts to, contracts with, conveyances to or by, and other acts affecting said Corporation by either of the names specified shall be valid.

DEPARTMENTS OF INSTRUCTION

The courses of study offered in the University are comprehended in four Departments, under the control of the Corporation, each Department being also under the administration of a distinct Faculty of instruction. The Departments are as follows :—

THE DEPARTMENT OF PHILOSOPHY AND THE ARTS;

THE DEPARTMENT OF THEOLOGY;

THE DEPARTMENT OF MEDICINE;

THE DEPARTMENT OF LAW.

Under the first-named Department are included two separately organized sections in which instruction for undergraduates is provided, viz :—

THE ACADEMICAL DEPARTMENT, and

THE SHEFFIELD SCIENTIFIC SCHOOL;

also, THE SCHOOL OF THE FINE ARTS, and the MUSICAL DEPARTMENT, each with a special organization; and The Courses for GRADUATE INSTRUCTION, under the combined Faculty of the Department.

It is to be understood that the courses of instruction above described are open to persons of the male sex only, except when both sexes are specifically included.

The LIBRARY, the PEABODY MUSEUM OF NATURAL HISTORY, and the OBSERVATORY are severally organized independently of the special Departments, and are designed to contribute, in their appropriate spheres, to the instruction and advancement of the whole institution.

ACADEMICAL DEPARTMENT
(YALE COLLEGE)

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
EDWARD J. PHELPS, LL.D., *Professor of Law*
HUBERT A. NEWTON, LL.D., *Professor of Mathematics*
ARTHUR M. WHEELER, M.A., *Professor of History*
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*
TRACY PECK, M.A., *Professor of Latin*
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*
REV. GEORGE T. LADD, D.D., *Professor of Moral Philosophy and Metaphysics*
CHARLES H. SMITH, LL.D., *Professor of American History*
JULES LUQUIENS, PH.D., *Professor of Modern Languages*
HENRY P. WRIGHT, PH.D., *Professor of Latin, and Dean*
HENRY S. WILLIAMS, PH.D., *Professor of Geology*
HENRY A. BEERS, M.A., *Professor of English Literature*
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*
EDWARD S. DANA, PH.D., *Professor of Physics*
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*
FRANK A. GOOCH, PH.D., *Professor of Chemistry*
ALBERT S. COOK, PH.D., L.H.D., *Professor of English*
WILLIAM BEEBE, B.A., *Assistant Professor of Mathematics and Astronomy*
ANDREW W. PHILLIPS, PH.D., *Professor of Mathematics*
GEORGE B. ADAMS, PH.D., *Professor of History*
EDWARD P. MORRIS, M.A., *Professor of Latin*
HENRY R. LANG, PH.D., *Assistant Professor of the Romance Languages*
ARTHUR T. HADLEY, M.A., *Professor of Political Economy*
THOMAS D. GOODELL, PH.D., *Professor of Greek*
ARTHUR H. PALMER, M.A., *Professor of German*
HORATIO M. REYNOLDS, B.A., *Professor of Greek*

GEORGE M. DUNCAN, M.A., *Professor of Philosophy*
E. HERSHEY SNEATH, PH.D., *Assistant Professor of Philosophy*
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
GUSTAV F. GRUENER, B.A., *Assistant Professor of German*
HARLEY F. ROBERTS, M.A., *Tutor in Latin*
EDWARD W. SCRIPTURE, PH.D., *Instructor in Experimental Psychology*
JAMES J. ROBINSON, PH.D. *Instructor in Latin*
JOHN C. SCHWAB, PH.D., *Assistant Professor of Political Economy*
WARREN A. ADAMS, B.A., *Instructor in German*
CARLETON L. BROWNSON, B.A., *Tutor in Greek*
WILLIAM LYON PHELPS, PH.D., *Instructor in English Literature*
IRVING FISHER, PH.D., *Assistant Professor of Mathematics*
GUY V. THOMPSON, PH.D., *Tutor in Latin*
HANNS OERTEL, PH.D., *Instructor in German and Comparative Philology*
HERBERT A. SMITH, B.A., *Instructor in English*
ARTHUR W. COLTON, PH.D., *Instructor in English*
JOSEPH BOWDEN, JR., B.A., *Tutor in Mathematics*
JAMES W. D. INGERSOLL, B.A., *Tutor in Greek*
ALFRED K. MERRITT, B.A., *Registrar*

OTHER INSTRUCTORS

REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*
MARK BAILEY, M.A., *Instructor in Elocution*
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*
WILLIAM C. ROBINSON, LL.D., *Professor of Law*
DANIEL C. EATON, M.A., *Professor of Botany*
JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*
JOHN H. NIEMEYER, M.A., *Professor of Drawing*
SIDNEY I. SMITH, M.A., *Professor of Comparative Anatomy*
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
FREDERICK WELLS WILLIAMS, B.A., *Instructor in History*
JAY W. SEAVER, M.A., M.D., *Associate Director of the Gymnasium*
GUSTAV A. ANDREEN, B.A., *Instructor in German*
ROBERT L. TAYLOR, B.A., *Instructor in French*
WILLIAM G. ANDERSON, M.D., *Instructor in Gymnastics*

HORATIO W. PARKER, M.A., *Professor of the Theory of Music*
HARRY B. FERRIS, M.D., *Assistant Professor of Anatomy*
PHILIP E. BROWNING, PH.D., *Instructor in Chemistry*
EDWARD F. BUCHNER, PH.D., *Instructor in Pedagogy and Philosophy*
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*
ARTHUR L. DAY, PH.D., *Instructor in Physics*
ARTHUR L. WHEELER, B.A., *Instructor in Latin*

CONSULTATION HOURS

The DEAN, ... Daily, 10 to 12, 135 Elm st.
Professor ADAMS, . Wednesday and Thursday, 9 to 10, 244 L.
Professor BEEBE, . . . Daily, 9.30 to 10, D Alumni.
Professor BEERS, . . . Wednesday, 3 to 4, 171 F.
Professor COOK, Wednesday and Friday, 10.30 to 11.30, 135 Elm st.
Professor DUNCAN, . . . Saturday, 10.30 to 11.30, 194 C.
Professor GOOCH, Monday and Friday, 11 to 12, Kent Laboratory.
Professor GRUENER, Monday, Tuesday, Thursday, and Friday, 8.30 to 10, 276 L.
Professor HADLEY, Saturday, 10.30 to 1, E 2 O.; other days at 2.15 P. M., 93 Whitney av.
Professor LADD, . Tuesday and Wednesday, 9.30 to 10.20, B 1 O.
Professor LUQUIENS, Monday, Wednesday, and Friday, 10.30 to 11.30, 102 High st.
Professor MORRIS, . . Tuesday, 7 to 9 P. M., 112 College st.
Professor PALMER, . . Tuesday and Thursday, 9.30 to 12, 117 N.
Professor PARKER, . . Monday and Thursday, 11 to 1, 3 TR.
Professor PERRIN, ... Daily, 2 to 3, 133 F.
Dr. PHELPS, Monday, Wednesday, Thursday, Friday, 10 to 12, 70 S. M.
Professor PHILLIPS, . Daily, except Saturday, 2.30 to 4, 155 F.
Professor REYNOLDS, . . . Daily, 1.45 to 2.30, 38 V.
Professor RICHARDS, . . . Daily, 10 to 11, 118 N.
Professor SANDERS, Wednesday and Friday, 11 to 12, 184 Lyceum.
Professor SANFORD, Tuesday and Friday, 11 to 12, 10 WH.
Professor SCHWAB, . . Wednesday, 10 to 10.30, E 2 O.
Professor SEYMOUR, ... Daily, 11 to 12, 121 N.
Professor C. H. SMITH, . . . Tuesday, 4 to 6, D 2 O.
Professor SNEATH, Daily, except Saturday, 2 to 3, 331 Temple st.
Professor SUMNER, . Monday and Friday, 9.30 to 10.30, 120 N.
Professor WHEELER, . Monday and Friday, 10.30 to 12.30, C 2 O.
Professor WILLIAMS, . . Daily, 10.30 to 11.30, 109 Elm st.
Professor A. W. WRIGHT, Daily, except Saturday, 9.30 to 11.20, Sloane.

From the date of the original Charter, in 1701, a course of instruction leading to the degree of Bachelor of Arts has been continuously offered at the College ; at first only three years of undergraduate study were required, but before 1710, a four years' course was provided, which has been since maintained.

Until 1813, when a Medical School was organized, no other course of study for a degree was marked out at Yale College ; but with the incorporation of the Medical Institution (as it was originally styled) the older Department began to be designated the Academical Institution (or Department), and has continued to be so designated until at length, with the growth of other Schools about it and the expansion of the whole into Yale University, the original title of Yale College has again come to be applied distinctively to this Department.

TERMS OF ADMISSION

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects ; certificates of standing elsewhere are not accepted in place of this examination :—

1. Latin Grammar.
2. Cicero—Orations against Catiline and for Archias ; and, in addition, either the Milo, or the Manilian Law, or the Cato Major, or the Marcellus and the 14th Philippic.
3. Vergil—the first six books of the Aeneid (including Prosody) ; and, in addition, either the Bucolics or the eighth and ninth books of the Aeneid.
4. Ovid—Metamorphoses, translation at sight.
5. The translation, at sight, of passages from Nepos and Caesar.
6. The translation into Latin of connected passages of English prose.

[As special importance is given to this part of the examination, it is suggested to teachers that they connect exercises in making Latin, both oral and written, with all the Latin studies of the preparatory course.]

7. Roman History, to the death of Augustus.
8. Greek Grammar.
9. Xenophon—Anabasis, four books.
10. Homer—Iliad, three books, with Prosody.

11. The translation, at sight, into simple and idiomatic English, of a passage from some work of Xenophon.

12. The translation into Greek of connected passages of English prose, employing the vocabulary and idioms of the first four books of Xenophon's Anabasis.

13. Greek History.

14. Algebra (*a*)—Factoring, fractions, equations of the first degree with one or more unknown quantities, putting problems into equations, inequalities, powers and roots, fractional and negative exponents, reduction of radicals.

15. Algebra (*b*)—Quadratic equations, ratio and proportion, progressions, continued fractions, permutations and combinations, binomial theorem, method of indeterminate coefficients.

16. Plane Geometry (*a*) —Demonstrations and constructions.

17. Plane Geometry (*b*)—Solution of numerical problems involving the metric system and the use of Logarithms.—Five-figure tables will be used.

[For the examination in Geometry, the candidates must provide themselves with compasses and rulers.]

18. French or German—so far as to translate at sight easy prose into English, and also to translate easy English exercises into French or German, the candidate being at liberty to decide for himself in which of the two languages he shall be examined.

19. English—(*a*) Coleridge: The Ancient Mariner; Scott: Ivanhoe; The Lady of the Lake; Irving: The Alhambra; Macaulay: Essay on Clive.

20. English—(*b*) Byron: the Fourth Canto of Childe Harold; Macaulay: Essay on Byron; Hawthorne: House of the Seven Gables; Thackeray: English Humorists of the Eighteenth Century; Tennyson: The Princess.

The examination in English literature will, in 1895 and 1896, be held upon the selections contained in the preceding list. The books under (*a*) may be offered as a preliminary in 1895, and those under (*b*) as a final in either 1895 or 1896; or the complete list, (*a*) and (*b*), may be offered in either year.*

The questions will be constructed with the special view of testing the candidate's familiarity with the subject-matter. Where the literary form

* Beginning with 1895, a preliminary may be offered in the works recommended for 1896 under the first head, Reading and Practice, in the Report adopted on September 29, 1894, by the Commission of Colleges in New England (for this see p. 131); the mode of examination will be as there indicated. In 1896 a final may be offered in the works recommended for that year under the second head, Study and Practice, according to the mode of examination there indicated; and a preliminary may be offered in the works recommended for 1897 under the first head, Reading and Practice.

of the papers is incorrect, however, a special condition may be imposed.

Candidates are allowed to divide the examination, with an interval of not less than a year between the two parts. In such cases, they must present themselves at one of the two regular examinations, that is, either in June or in September, of the first year; and at this preliminary examination each candidate must submit a definite statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be furnished, unless at least six of the above twenty subjects have been satisfactorily passed.

A candidate rejected in June, who has passed in five or more subjects, may try the whole examination again in September; but a preliminary certificate given in June cannot be used in the following September examination.

THE REGULAR EXAMINATION FOR ADMISSION to College is held at Alumni Hall, New Haven, on Thursday, Friday, and Saturday after Commencement (June 27, 28, 29, 1895); *attendance is required at the opening of the examination, at 9* A. M. *on Thursday*, and the sessions will close at 1 P. M. on Saturday. The examination is wholly in writing; a set of papers recently given will be sent by the Registrar, Mr. A. K. Merritt, on application.

In 1895 examinations (beginning on Thursday, June 27, at 9 A. M., and closing on Saturday at 1 P. M.) for admission to the Freshman Class (but not to higher classes) will also be held in Albany, N. Y., at the Albany Academy; in Andover, Mass., at Phillips Academy; in Auburn, N. Y., at the High School; in Buffalo, N. Y., at the Buffalo High School; in Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street; in Cincinnati, O., at the Hughes High School, 5th street, head of Mound; in Cleveland, O., at the Y. M. C. A. building, corner Prospect and Erie streets; in Columbus, O., at the Columbus Latin School; in Concord, N. H., at St. Paul's School; in

Denver, Col., at the East Denver High School; in Dobbs Ferry, N. Y., at the Westminster School; in Easthampton, Mass., at Williston Seminary; in Exeter, N. H., at Phillips Academy; in Groton, Mass., at the Groton School; in Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets; in Knoxville, Tenn., at the University School; in Lakeville, Conn., at the Hotchkiss School; in Lawrenceville, N. J., at the Lawrenceville School; in Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street; in New York City, at the Y. M. C. A. building, 23d st. and 4th av.; in Norwich, Conn., at the Free Academy; in Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street; in Pittsburgh, Pa., at Shadyside Academy; in Portland, Oregon, at the Bishop Scott Academy; in Pottstown, Pa., at the Hill School; in San Francisco, Cal., at the Urban School, 2124 California street; in St. Louis, Mo., at the Board of Education building, corner 9th and Locust streets; in St. Paul, Minn., at the High School; in Scranton, Pa., at the School of the Lackawanna; in Southborough, Mass., at St.Mark's School; in Tacoma, Wash., at the Tacoma Academy; in Washington, D. C., in the examination-room of the Civil Service Commission. Candidates who propose to be present elsewhere than at New Haven are requested to send their names to the Registrar before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven. The College is also prepared to hold an examination, at the above-named time, in any city or at any school where the number of candidates and the distance from other places of examination may warrant it; applications for this purpose must be sent to the Registrar before May 15.

A second examination is held, *in New Haven only*, at the beginning of the College year, on Monday, Tuesday, and Wednesday (September 23, 24, 25, 1895); candidates for this examination must be present at Alumni Hall at 2.30 P. M. on Monday.

ORDER OF JUNE EXAMINATION

Thursday, June 27,

MORNING

[Session begins at 9.00. Registration,	9.00—9.40]
Vergil and Prosody,	9.40—10.40
English A,	10.40—11.30
English B,	11.30—12.30

AFTERNOON

Xenophon,	3.00— 4.00
Roman History,	4.00— 4.30
Greek Grammar,	4.30— 5.30
Greek Composition,	5.30— 6.00

Friday, June 28,

MORNING

Homer,	9.00—10.00
Algebra A,	10.00—10.45
Algebra B,	10.45—11.15
Caesar and Nepos,	11.15—12.00

AFTERNOON

Greek History,	3.00— 3.30
Geometry A,	3.30— 4.30
Geometry B,	4.30— 5.15
Cicero,	5.15— 6.00

Saturday, June 29,

MORNING

Latin Grammar,	9.00—10.00
Latin Composition,	10.00—10.30
Greek at sight,	10.30—11.15
Ovid at sight,	11.15—12.00
French or German,	12.00— 1.00

ORDER OF SEPTEMBER EXAMINATION

Monday, September 23,

AFTERNOON

[Session begins at 2.30 P. M. Registration,	2.30—3.00]
Vergil and Prosody	3.00— 4.00
English A,	4.00— 5.00
English B,	5.00— 6.00

Tuesday, September 24,

MORNING

Xenophon,	9.00—10.00
Roman History,	10.00—10.30
Greek Grammar,	10.30—11.30
Greek Composition,	11.30—12.00

AFTERNOON

Homer,	2.30— 3.30
Algebra A,	3.30— 4.15
Algebra B,	4.15— 4.45
Caesar and Nepos,	4.45— 5.30

Wednesday, September 25,

MORNING

Greek History,	9.00— 9.30
Geometry A,	9.30—10.30
Geometry B,	10.30—11.15
Cicero,	11.15—12.00

AFTERNOON

Latin Grammar,	2.00— 3.00
Latin Composition,	3.00— 3.30
Greek at sight,	3.30— 4.15
Ovid at sight,	4.15— 5.00
French or German,	5.00— 6.00

Persons applying for admission to any class in College during the course of the College year (from September to June) must first obtain from the Faculty permission to be examined, and pay to the Treasurer a fee of ten dollars.

In general, examinations for admission to the next Freshman Class can be held only in June and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

ADVANCED STANDING—All candidates for advanced standing, *whether from other Colleges or not*, are examined, in addition to the preparatory studies, in those studies which have been already pursued (see pp. 45 ff.) by the class which they wish to enter. In the several languages, for the par-

ticular books studied by the class, equivalent amounts from other books may be offered. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission.

Bachelors of Arts or of Philosophy of any institution may join the Senior Class (without examination and without becoming candidates for the Bachelor's degree), as candidates for the degree of Doctor of Philosophy after three years' study.

No one can be admitted to the Senior Class after the beginning of the second term.

AGE—No one can be admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS—Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission in full is granted. Students from other Colleges must present certificates of dismission in good standing.

BOND—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five hundred dollars, as security for the payment of charges, arising under the laws of the College. A blank form for this purpose is furnished at the time of admission.

GOVERNMENT AND INSTRUCTION

The Dean has the general supervision under the Faculty of the Senior and Junior classes; the members of the two lower classes are assigned by divisions for a similar supervision to the care of the instructors in those classes.

Absence from College exercises is excused only for extremely urgent reasons. In general, a student cannot be excused for absence at the beginning or near the end of a term. In order to cover all cases of absence which may seem justifiable to the student, but for which no excuses will be

accepted, an allowance is granted to a member of the Senior or Junior class of absence from eight class-room exercises (recitations, lectures, or rhetorical appointments), and to a member of the Sophomore or Freshman class from six class-room exercises, during the first term and during each half of the second term, without incurring marks and without affecting his record for scholarship; provided that these absences shall not immediately precede or follow a vacation or recess; provided, also, that no two absences shall be consecutive in any one study, and that such absences shall not excuse the student from preparation upon the omitted lessons when reviewed.

The members of the Sophomore and Freshman classes are arranged in divisions according to scholarship. During the present year, for required work the Junior class is divided into eight divisions, the Sophomore class into eight, and the Freshman class into ten; in the elective courses, the divisions are of convenient size for class-room work.

In Freshman year Greek, Latin, and Mathematics occupy eleven hours of class-room work per week, three hours are given to Modern Languages, and one hour to English. In Sophomore year three-hour courses are offered in Greek, Latin, Mathematics, Modern Languages, English, and Physics, and each member of the class is required to select five courses. The kind and amount of study in these two years are believed to be such as are essential for laying the foundation of a liberal education, whatever the department or profession that may be pursued in after-life; and no more than is needed to give the student a proper basis of knowledge and discipline for the study of the *elective* courses which follow, and that knowledge of himself, and of the subjects before him, which is needed for a judicious choice. If a student can pass a satisfactory examination in any of the Freshman or Sophomore courses for the work of *one year in advance*, he may be allowed to choose from the list of Electives some other course which he is

qualified to pursue with advantage, covering the same number of hours.

Of the work of the Junior and of the Senior years over four-fifths is in elective studies. The whole number of elective courses open to the two classes is at the present time one hundred and twenty-nine; and in addition there are several courses of lectures, attendance on which is optional. The Juniors have open to them elective studies in the English Language and Literature, the Fine Arts, History, Political Science, the Natural Sciences, and Music, in addition to those in the departments of the Classics, the Modern Languages, and Mathematics; and the Seniors, electives under all these departments, along with others of higher range as explained below.

Many of the courses fall naturally into groups: as that of the Ancient Languages and Linguistics; Psychology, Logic, and Philosophy, with Ethics; Political Science and Law; History; Modern Languages and Literature; Mathematics and Physics; Chemistry and the Natural Sciences; and the student is recommended to select his courses as far as possible according to his needs, in part perhaps according to his expectations as to future work, fixing first upon the chief subject, and selecting others that are subsidiary to it. In several cases, related courses are accessible to the student only as they are taken consecutively.

To promote the rational choice of elective courses, SPECIAL HONORS in various groups of studies are offered, to be given at the end of the Senior year, in accordance with the scheme on page 104.

THE PROGRAM OF STUDIES for the current year is as follows:

FRESHMAN YEAR:

Greek—Homer's Odyssey, books v-viii: Selections from Herodotus and Thucydides; the Apology of Plato.

Latin—Livy, books xxi and xxii; Cicero de Amicitia and de Senectute; Satires of Horace; Prose Composition; History of the Roman Republic.

French or German—Three hours a week throughout the year. Students may at their option either continue the study of the modern language presented for admission to college, or begin the study of German in case they have not previously pursued it. Those who have sufficient knowledge of either language will be assigned to classes still further advanced.

Mathematics—In *Geometry*: Planes, Polyhedrons, Cones, Cylinders, and Spheres. Projection of figures with exercises on Models. Text-book, Chauvenet's Geometry.

Plane Trigonometry: Solutions of Triangles, Mensuration, and Surveying. Text-book, Richards's Trigonometry.

Mechanics—The elementary principles of Kinematics, Kinetics (or Dynamics), and Statics, in reference to solid bodies, with practical applications. Text-book, Dana's Mechanics.

English Literature—Three hours a week through twelve weeks. Brooke's Primer; three plays of Shakespeare; Milton's Minor Poems.

SOPHOMORE YEAR:

Each member of the Sophomore class is required to choose five of the six following courses. In course III either French or German may be taken, but not both.

I. *Greek*—The Seven against Thebes of Aeschylus (Flagg's edition); the Antigone of Sophocles (D'Ooge's edition); the Iphigenia among the Taurians of Euripides (Flagg's edition); the Clouds of Aristophanes (Humphrey's edition); lectures on the origin and history of the Athenian Drama, and on the Greek Theatre.

In reading these works, less attention is paid to linguistic and grammatical points than to the structure of the poems and their literary quality, to poetic words, forms, arrangement of words, rhythm, and constructions. Grammatical questions are discussed rarely, except as they are important for the interpretation and illustration of the author's meaning.

II. *Latin*—One or two plays of Terence, the Epodes and Odes of Horace, the *Agricola* and *Germania* of Tacitus, and the Letters of Pliny. These works have been selected on account of the permanent value and variety of their subject-matter and literary form, and because they illustrate the language and literature at important stages in their development, and repre-

sent several periods of Roman history and types of Roman life and character. The class-room treatment will be largely literary and historical. In addition to the above texts, a considerable amount of Latin will be read at sight.

III. (*a*) *French*—Reading, composition, and conversation. The reading will cover at least 600 pages, selected from different writers and epochs, so as to insure familiarity with the French of literature. Alternately with the reading, exercises in composition and conversation will be held with a view to giving the student an insight into the French of common intercourse. These exercises will be introduced and supported by a short course in syntax.

III (*b*) *German—Advanced Course.* Reading in the first term of selections from Heine's prose and poetry, and in the second term of Lessing's *Laokoon*, *Minna von Barnhelm*, and *Nathan der Weise.*

Through the year weekly exercises in German composition.

Second-Year Course. Reading of narrative prose (fiction and history.) Study of word-formation in German. Weekly exercises in German composition.

Beginners' Course. Grammar. Translation from German into English and elementary exercises in translating into German. Practice in pronunciation. The course is intended to give to the student a knowledge of such grammatical elements as will enable him to read easy German at sight, and to put easy English sentences into German. The reading will be of simple narrative prose.

IV. *English*—Stopford Brooke's Primer of English Literature will be studied, and the following standard authors will be read: Shakespeare—As You Like It, King Henry IV, Part i, Macbeth, Hamlet. Spenser—some of his short poems. Bacon—Essays. Milton—the minor poems, and selections from Paradise Lost. Addison—selections from the Spectator. Swift—Gulliver's Travels, and a considerable number of shorter pieces. Pope—Rape of the Lock, Epistle to Dr. Arbuthnot, and other poems. Goldsmith—The Deserted Village, She Stoops to Conquer. Gray—selections from his poetry and prose. Johnson—selections from his Lives of the Poets.

If time allow, some modern prose essayist will be read: composition work will be required, by occasionally giving out subjects for special papers.

V. *Physics*—A general course commencing with the properties of Liquids and Gases, and going on with the subjects of Sound,

Heat, Light, and Electricity. Experimental illustrations will be rather freely introduced into the class-room. Ganot's Physics (14th edition) will be used as the text-book.

VI. *Mathematics*—1. The application of Plane Trigonometry to Mensuration and Navigation; and of Spherical Trigonometry to the Elementary Problems of the Celestial Sphere.

2. The application of Graphical Methods to the theory and solution of Algebraic equations; also an elementary course in Analytical Geometry, with an introduction to map-projection.

Elocution—An optional course of one hour per week is offered to the Sophomore Class in the second term. This course includes lectures on the Science and the Art of Elocution, Practice in Speaking and Reading by small sub-divisions, and private individual practice for the "honor-men" chosen to contest for the prizes in Declamation and for Reading.

JUNIOR AND SENIOR YEARS:

Courses covering thirty hours must be satisfactorily completed by each student in Junior and Senior years in order to be recommended for a degree. Every member of the Junior class is required to take not less than fifteen hours, and not more than eighteen hours per week of class-room work.

The *prescribed* studies of Junior year occupy three hours per week, and those of Senior year two hours per week.

PRESCRIBED STUDIES OF JUNIOR YEAR:

Logic—Jevons's Lessons in Logic; Fowler's Inductive Logic; exercises in the criticism of arguments; lectures.

Psychology—Ladd's Psychology, Descriptive and Explanatory; lectures.

Ethics—Porter's Elements of Moral Science.

PRESCRIBED STUDIES OF SENIOR YEAR:

Philosophy—One course in this department of study, two hours per week throughout the year, is prescribed. The particular course taken is left, however, to the choice of the pupil from a list of four or more courses. Under the term Philosophy, as here used, is included the study of psychology, ethics, and the history of philosophy.

ELOCUTION:

Junior Year, First Term—An optional course of one hour per week in Advanced Oratorical Speaking. Special preparatory training for the TenEyck Prize Speaking at the Junior Exhibition.

Senior Year—Special preparatory training of the speakers for the DeForest Prize in Oratory.

ELECTIVE COURSES:

I. PSYCHOLOGY; ETHICS; PHILOSOPHY

Juniors are required to take course 1.

Seniors are required to choose one of the four courses, 2, 3, 4, or 5.

1 *Elementary Course in Logic, Psychology, and Ethics.* 3 hrs.

Eight sections:

I and V, Monday, 4.00; Friday, 8.30; Saturday, 11.30.
II and VI, Monday, 5.00; Thursday, 9.30; Saturday, 11.30.
III and VII, Tuesday and Thursday, 8.30; Saturday, 11.30.
IV and VIII, Wednesday, 8.30; Saturday, 8.30 and 11.30.

Professors LADD, DUNCAN, and SNEATH:—

In this course systematic instruction is given in the elements of logic, general psychology, and practical ethics. Professor Ladd will lecture on the structure and functions of the nervous system, the end organs of sense, selected topics in general psychology and ethics, including the psychological basis of theism.

2 *Introduction to Philosophy.* [Seniors.] 2 hrs.

Two sections:

I, Tuesday and Saturday, 8.30.
II, Wednesday and Saturday, 8.30.

Professor LADD:—

This course is designed to present, in an elementary and summary way, the principal philosophical problems. It may properly be taken by all who desire any acquaintance with philosophy as a means of general culture. One hour each week throughout the year will consist of a lecture; the other, of oral and written work by the class, recitation, discussion, questions, papers, etc. The exercises will be based upon some book giving a general treatment of the subject, supplemented by study of several of Lotze's Philosophical Outlines.

During the latter half of the course special emphasis is laid upon the philosophy of life and of conduct, in connection with

the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

3 *Philosophical Anthropology.* [Seniors.] 2 hrs.

Tuesday and Wednesday, 10.30.

Professor LADD :—

This course furnishes an outline study of man, his body and mind in their relations, his relations to nature, to his fellows, and to God ; and his development in history. Lotze's *Microcosmus* will be read ; and the reading will be accompanied by lectures, and by papers and discussion.

4 *History of Philosophy.* [Seniors.] 2 hrs.

Two sections :

I, Wednesday, 9.30 ; Saturday, 11.30.
II, Wednesday, 10.30 ; Saturday, 11.30.

Professor DUNCAN :—

An elementary study of the development of speculative thought from Descartes to the present time, with cursory reading of philosophical masterpieces from Descartes to Kant : Descartes' Method and Principles of Philosophy, pt. i ; Bacon's *Novum Organum ;* Spinoza's Ethics—selections ; Locke's Essay on Human Understanding—selections ; Leibnitz's Monadology and Philosophical Opuscules ; Berkeley's Principles of Human Knowledge ; Hume's Inquiry concerning Human Understanding; Reid's Inquiry into the Human Mind ; Kant's Prolegomena to any Future Metaphysic. This course (which is largely a lecture course, with frequent written exercises on the texts read and occasional examinations on both the lectures and texts), while intended primarily for general culture, aims also to be an introduction to the more special study of philosophy in its various branches and problems.

5 *Advanced Ethics.* [Seniors.] 2 hrs.

Wednesday and Saturday, 9.30.

Assistant Professor SNEATH :—

This course involves an historical and critical study of ethical theory. Selections from the following representative works will be read : Aristotle's Nicomachean Ethics, Kant's Metaphysic of Morals and Critique of Practical Reason, Hegel's Ethics (Sterrett), Mill's Utilitarianism, and Spencer's Data of Ethics.

Also, lectures and discussions. The course will close with a study of the philosophy of Theism. Collateral reading is required.

6 *Physiological and Experimental Psychology.* 2 hrs.

Tuesday and Thursday, 2.00.

Dr. SCRIPTURE :—

Elementary presentation of the chief facts of the anatomy of the nervous system. Outline of nervous physiology with special attention to cerebral function and localization. Structure and functions of the sense-organs. Summary of the known relations between nervous activity and consciousness. Experimental treatment of the psychology of sight, hearing, touch, memory, emotion, volition, etc. The course is thoroughly illustrated by physiological and psychological experiments, demonstrations, models, charts, microscope slides, and dissections. Text-book : Ladd's Outlines of Physiological Psychology.

7 *Laboratory Course in Psychology.* 2 hrs.

Wednesday and Friday, 2.00.

Dr. SCRIPTURE :—

Practical work in the laboratory with instruction in the fundamental methods of psychology. The objects of the course are, 1. the cultivation of the powers of introspective and external observation; 2. the development of dexterity in carrying out psychological experiments and measurements; 3. training in the computation and adjustment of measurements; 4. knowledge of the commonest psychological instruments and manipulations. The course will include exercises in the graphic method, chronometry, dynamometry, audiometry, photometry (psychological), colorimetry, and other fundamental processes of psychometry.

Course 7 can be taken only in connection with or sequence to course 6.

8 *The History of Educational Theories and Practices.* 2 hrs.

Tuesday and Thursday, 3.00.

Dr. BUCHNER :—

This course is designed to present, in an elementary and summary way, the principal educational problems in the light of their historic evolution, to acquaint the student with the most impor-

tant educational classics, and to aid him in the acquisition of rules for guidance in the actual work of teaching.

The study of the history of education and teaching, especially since the Renaissance in Europe, and in the United States, based on Williams's History of Modern Education, will be followed by reading Fitch's Lectures on Teaching.

The following courses, 9, 10, 11, 12, 13, 14, designed mainly for graduate students, are open to Seniors who wish to make a special study of psychology and philosophy, on application to the instructor.

9 *Philosophy.* [Seniors.] 2 hrs.

Tuesday, 7.15–9.00.

Professor LADD :—

This class will meet one evening each week for the systematic study of philosophical problems as treated by modern methods. Wundt's *System der Philosophie* will be read. An expository and critical lecture of about forty minutes will be followed by the reading of papers and discussion by the class. [N. B. The same work will be read by Professor Palmer in course 89. For those Seniors who, having obtained permission from both instructors, elect the two courses, they will count as for four hours per week.]

10 *Theory of Knowledge.* [Seniors.] 2 hrs.

Wednesday, 3.00–4.50.

Professor LADD :—

Both hours of this course will be given in one session, the work of which will be conducted in the *Seminary* method. The history of opinion on the theory of knowledge will be traced; and the nature, limits, and grounds for the validity of knowledge critically examined. Most of the work will be research, the results to be presented in papers for discussion.

11 *Advanced Psychology.* [Seniors.] 2 hrs.

Tuesday and Friday, 9.30.

Professor DUNCAN :—

A detailed study of the phenomena of mental life from the scientific point of view. James's Principles of Psychology will be read, with constant reference to Ladd's Psychology, Descriptive

and Explanatory, Sully's Human Mind, and the works of other leading modern authors; and the reading will be accompanied by papers, discussions, and lectures.

12 *Popular Discussions in Philosophy.* [Seniors.] 1 hr.
Saturday, 9.30.

Professor DUNCAN :—

This is a course in *philosophical criticism*, and is intended to develop and train the critical faculty; to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought; and to vindicate sound psychology and a theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer, and others will be read and freely discussed.

[13 *Experimental Psychology.* [Seniors.] 2 hrs.

Dr. SCRIPTURE :—

General principles of experiment and measurement; qualitative statistics, theorems of Bernoulli, Bayes, Poisson; psychological measurements, means, medians, characteristic variations; quantitative statistics; measurements of sight, hearing, touch; time-relations of mental phenomena; action and volition; memory; emotion; principles of laboratory instruction and economy. Some knowledge of the Calculus is desirable.]

Primarily intended for graduate students, and omitted in 1894–95, but will be given in 1895–96; it is open only to those who have already taken courses 6 and 7 or their equivalents.

[14 *Advanced Laboratory Course in Psychology.*
[Seniors.] 3 hrs.

Dr. SCRIPTURE :—

Practical training in psychological measurements and statistics with instruction in the adjustment of measurements, calculation of errors of apparatus, elimination and compensation of disturbing psychological influences, construction and care of apparatus, elements of machine design, use of tools, lathe-work, vise-work, etc. The course will close with practical training in the art of research. It is designed for those who expect to conduct independent investigations or to teach psychology.]

Course 14, which is primarily intended for graduate students, is omitted in 1894–95, but will be given in 1895–96; it will be open only to those taking course 13.

II. POLITICAL SCIENCE AND LAW

SUGGESTIONS AS TO CHOICE OF ELECTIVES

For those who have only a general interest in the subject, as part of a liberal education:

In Junior year: Economics, General course (20).
In Senior year: Social Science (30), or Law (35), or both.

For those who have a special interest in the subject, and desire to study it thoroughly:

In Junior year: Economics, Special course (21); also at least one course each in American and in European History.

In Senior year: Economic Policy (22); U. S. Financial History (29); Social Science (30); also as much work as time will allow in History or Law. Those with a taste for mathematics are recommended to take course 27.

20 *Economics (General course).* 2 hrs.

Tuesday and Thursday, 11.30.

Professor HADLEY :—

A comprehensive course in the problems of industry, commerce, and finance, as short as is consistent with good work. Walker's Political Economy is used as a text-book, supplemented by informal lectures and discussions on topics with which this book deals too briefly for the purposes of the class.

This course is intended for those who, without making a specialty of Economics, wish to gain some understanding of the most important industrial and financial problems of the day. It is open to both Juniors and Seniors; but students are advised to take it in Junior year, as the courses in Social Science and Law can be much better understood after the completion of a course in Economics.

21 *Economics (Special course).* 3 hrs.

Tuesday and Thursday, 11.30; Saturday, 9.30.

Professor HADLEY :—

For those who wish a more detailed knowledge of the science, and are ready to devote more time to investigation and outside reading than is required in course 20. It is understood that those who take this course have enough interest in the subject to do

independent work, beyond what can be tested by recitations or examinations. For two hours out of the three the work coincides with that of course 20; the third hour is devoted to the study of more difficult or perplexing points of economic theory and policy, for which the shorter course gives insufficient time.

22 *Economic Policy.* [Seniors.] 3 hrs.

Three sections:

I, Monday, Wednesday, and Friday, 10.30.
II, Monday, Wednesday, and Friday, 11.30.
III, Monday, Wednesday, and Friday, 12.30.

Assistant Professor SCHWAB :—

Open only to those who have taken courses 20 or 21 in Junior year. The class is divided into sections small enough for the most effective oral work of recitation and instruction.

Fall Term—The principles of money, credit, and banking. Jevons's Money, Brough's Money, and Dunbar's Banking are used as text-books. The principles are illustrated by lectures upon the monetary and banking history of the world, in particular of the United States. Special attention is given to the currency problems of the present time.

Christmas to Easter—The principles of Finance. Adams's Public Debts, and Sumner's Investment Securities will be used as a basis for lectures upon government revenue and expenditure, and upon the principles involved in investment securities.

Easter to June—International trade, history of the tariff legislation and industrial development of the United States. Taussig's Tariff History of the United States, and parts of Cairnes's Leading Principles of Political Economy will be studied. Sumner's Problems will be used throughout the year.

25 *Economic Debates.* [Seniors.] 2 hrs., *to count as 1 hr.*

Friday, 4.00–5.50.

Professor HADLEY :—

Members of this class will be expected to organize debates each week on subjects of economic interest; to prepare and interchange briefs, and argue the questions at issue on the basis of special study and investigation. No one will be admitted who has not already studied Economics; and if the number applying to take the course is too large for proper instruction, preference will be given to those who are at the same time studying Economic Policy (22).

27 *Mechanism of Prices and Currency.* [Seniors.] 2 hrs.

Tuesday and Friday, 3.00.

Assistant Professor I. FISHER :—

I. Elementary Calculus, so far as necessary to show its use in Economics. II. Mathematical analysis of supply and demand. Reduction of difficult problems in prices to simple problems in liquid mechanics. III. The role of money in prices. Money as a measure of value and the measurement of the value of money. Statistical applications. The operation of monetary systems, monometallism, bimetallism, irredeemable paper, etc., with applications to the experience of the United States, India, England, France, and Austria.

29 *United States Financial History.* [Seniors.] 1 hr.

Thursday, 12.30.

Assistant Professor SCHWAB :—

A limited number of Seniors will be admitted, on the recommendation of Professor Hadley, to Professor Schwab's graduate course in U. S. Financial History. They must at the same time choose course 22 [Economic Policy].

The financial history of the United States, especially since 1860, is the subject of class-room work for the year, but provision is made for those who prefer to pursue investigations in other departments of economics. To each member of the class is assigned a topic, which he is expected to investigate thoroughly, and prepare a series of papers upon it. These papers may be conveniently used as a basis of a thesis for special honors in Political Science and Law.

30 *Social Science.* [Seniors.] 2 hrs.

Monday and Friday, 8.30.

Professor SUMNER :—

An elementary course, with text-book lessons and examinations, in Anthropology and Ethnology, with the origin of civilization and the development of institutions.

In connection with this will be a course of lectures on Systematic Sociology as derived from Historical Anthropology and Ethnology.

Those who are able to read difficult French or German may join special divisions to read books in those languages. For

such the course will be counted as a three-hour course. The text-books at the beginning of the year are: Tylor's Anthropology; Quatrefages's *Histoire Générale des Races Humaines;* Lippert's *Culturgeschichte* (2 vols., Stuttgart, 1887). Those who take the French or the German course will be responsible for providing themselves with the text-book.

35*a* *Jurisprudence.* [Seniors.] 2 hrs. 1st term.

Monday and Tuesday, 5.00.

Professor ROBINSON :—

The course consists of lectures, readings, and examinations on the following subjects: law in its relations to the origin, development, and government of political society; origin and development of customary law; relation of statute law to customary law; formation and development of codes of law; nature and origin of legal rights; principles of the law governing rights in land; principles of the law governing contract rights; the law of remedies for the violation of rights; origin and procedure of courts of law and equity; criminal law. The instruction in this course is designed to present an historical and philosophical view of the law in its great outlines, as common to all nations, and as particularly developed in the Anglo-Saxon race, and thus to serve as an introduction to course 35*b*.

All students who take course 35*a* will be required to read and pass an examination on Markby's Elements of Law, in addition to the work in the lectures and recitations; and students contemplating the study of law as a profession will be further required to read and be examined on the four books of Blackstone's Commentaries.

35*b* *Law.* [Seniors.] 2 hrs. 2d term.

Friday and Saturday, 12.30.

Professor PHELPS :—

The common law of this country. Constitutional law. International law. The instruction is by lectures based upon text-books to be read in connection.

Course 35*b* is a continuation of course 35*a*, and is open only to those who have chosen 35*a*.

III. HISTORY

40 *Medieval History.* 2 hrs.

Four sections:

I, Monday and Friday, 8.30.
II, Monday and Friday, 9.30.
III, Monday and Wednesday, 11.30.
IV, Monday and Wednesday, 12.30.

Professor ADAMS:—

The object of course 40 is to furnish an outline of the general history of Europe, and to follow the development of political, intellectual, and religious civilization through the period which lies between ancient and modern history.

Those who intend to give especial attention to history are advised to take course 40 in Junior year.

41 *Europe from the Reformation to the French Revolution.* 2 hrs.

Tuesday and Thursday, 12.30.

Mr. WILLIAMS.

43 *History of Europe since 1789.* [Seniors.] 2 hrs.

Four sections:

I, Monday and Friday, 9.30.
II, Monday and Friday, 12.30.
III, Tuesday and Thursday, 8.30.
IV, Tuesday and Thursday, 11.30.

Professor WHEELER:—

Mainly political; introductory to European politics of our day.

45 *English History to 1485.* [Seniors.] 2 hrs.

Two sections:

I, Tuesday and Thursday, 11.30.
II, Tuesday and Thursday, 12.30.

Professor ADAMS:—

Political and constitutional. Particular attention is given to the origin and development of the system of self-government. The course is of especial value to those who intend to study law.

46 *England since 1485.* [Seniors.] 2 hrs.

Monday and Wednesday, 10.30.

Mr. WILLIAMS :—

Mainly constitutional down to the Revolution of 1688, after which the course will include both political and parliamentary history with reference to the expansion of England into Greater Britain.

49 *French History from 1789 to 1815.* 2 hrs.

Professor WHEELER :—

Course 49 is one of investigation of special topics in French history from 1789 to 1815. It is primarily intended for graduates, but is also open to undergraduates on approval of the instructor. A general knowledge of the period and ability to read French and German are required for admission to the course.

50 *American History (Political).* 3 hrs.

Five sections :

I, Monday, Wednesday, and Friday, 11.30.
II, Monday, Wednesday, and Friday, 12.30.
III, Tuesday, Thursday, and Saturday, 9.30.
IV, Tuesday, Thursday, and Saturday, 10.30.
V, Tuesday, Thursday, and Saturday, 11.30.

Professor C. H. SMITH :—

History of the United States, mainly political, showing the rise and growth of parties, the discussion and settlement of important issues, and the careers of noted leaders, with selections from the colonial and revolutionary periods.

[51 *American History (Constitutional).* 3 hrs.

Professor C. H. SMITH :—

History of the United States, mainly constitutional, showing the sources and formation of the constitution in the colonial and revolutionary periods, and its operation and development in the national period, with a supplementary study of the state constitutional system.]

Course 51 is omitted in 1894–95. Courses 50 and 51 will be given in alternate years.

IV. MODERN EUROPEAN LANGUAGES AND LITERATURE

COURSES IN THE ROMANCE LANGUAGES

SUGGESTIONS AS TO CHOICE OF ELECTIVES

The courses in literature are so arranged that after taking Sophomore French a student has the opportunity during his Junior and Senior years to study alternately the two epochs most important to the general reader, the xviith and the xixth centuries.

Courses 65 and 66, in which literature and philology are blended, and 67 and 69, in which philosophical theories play as important a part as literary facts, are for those students who make modern languages and literatures their special or professional pursuit. These courses are not to be taken singly, but in addition to some other French course of a more general character.

60 *French Prose and Grammar.* 3 hrs.

Monday, Wednesday, and Friday, 4.

Assistant Professor LANG :—

Open to Seniors and Juniors who have not studied French. Reading out of Luquiens' French Prose of Popular Science, Travels, and History. Grammatical exercises, both written and oral.

61 *Practice in writing and speaking French.* 2 hrs.

Tuesday and Thursday, 9.30.

Professor LUQUIENS :—

Course 61 is a continuation of course 60; it will be of service also to students who have taken Sophomore French and wish to obtain a better command of the spoken language. As far as practicable, French will be used in the class room. In addition to the systematic drill in writing, the students will be required to commit to memory some of Lafontaine's Fables and passages of other French authors. Those taking this course will find it profitable to make it a 4-hour course by taking with it course 62 in rapid reading.

62 *Rapid Reading from Modern French Works.* 2 hrs.

Tuesday and Thursday, 8.30.

Mr. TAYLOR :—

Fiction and drama will alternate with history and biography in furnishing the materials for reading. This course will be open to Seniors who have previously taken course 60 and to Juniors who select at the same time course 61. Only with the express consent of the instructor will other students be admitted to the course.

63 *French Literature of the xviith Century.* 3 hrs.

Tuesday, Thursday, and Saturday, 10.30.

Professor LUQUIENS :—

The study of French "classic" tragedy, *i. e.*, of Corneille and Racine's works, and of Molière's plays, will constitute the bulk of this course, but some time will be devoted also to the works and personalities of Boileau (the critic), Lafontaine, Fénelon, Saint-Simon, etc. One hour out of the three will be given to lectures, the others to reading and translating from the texts. This course will, as far as possible, be conducted in French and the required work, written or oral, as well as the examinations, will be mostly in that language also. Open to Seniors and Juniors who have taken Sophomore French with credit, or who can give evidence that they possess the necessary preparation. The consent of the instructor will in all cases be required.

Course 63 will be omitted in 1895–6.

[64 *French Literature of the xixth Century.* 3 hrs.]

Professor LUQUIENS :—

Course 64 and the preceding, 63, are to be offered in alternate years; course 64 is omitted in 1894–5, but will be given in 1895–6.

65 *The Revival of French Literature in the xvith Century.* 2 hrs.

Wednesday and Saturday, 8.30.

Professor LUQUIENS :—

In addition to the study of the writers, Calvin, Rabelais, Montaigne, d'Aubigné, Ronsard, Malherbe, etc., this course will include a brief survey of the history of the language. Familiar-

ity with modern French and with later periods of French literature is requisite. Individual work will be assigned out of the class-room throughout the year. Open to Seniors who have taken previously an elective course in French literature. The consent of the instructor must be obtained.

[66 *Early French Literature and Historical Grammar.* 2 hrs.

Professor LUQUIENS :—

Course 66 is to alternate with the preceding, 65, and to be open to the same class of students, on the same conditions.]

Course 66 is omitted in 1894–5, but will be given in 1895–6.

[67 *French Literature of the xviiith Century.* 2 hrs.

Professor LUQUIENS :—

Open to Seniors who have previously taken a 3-hour elective in French literature.]

Course 67 is omitted in 1894–5, but will be given in 1895–6.

[69 *French Critics and Criticism in the xixth Century.* 1 hr.

Professor LUQUIENS :—

The study will begin with Sainte Beuve and include every critic of mark and every new phase in the methods of criticism down to our days. The time will be divided between lectures by the instructor and reports by the students of the work assigned to them. Open, with the instructor's approval, to Seniors who have previously taken an elective in French literature in their Junior year and intend to take another conjointly with this course.]

Course 69 is omitted in 1894–5.

70 *Spanish, Elementary Course.* 3 hrs.

Monday, Wednesday, and Friday, 9.30.

Assistant Professor LANG :

Course 70 is open to those who have had Sophomore French or who shall otherwise satisfy the instructor of their fitness to take it. Its aim is to make the student acquire a good pronunciation and to give him such practice in conversation and composition as shall make it possible to dispense more and more with the use of English in the succeeding courses.

Knapp's Spanish Grammar and Spanish Readings are used.

71 *Spanish Literature of the xvith and xviith Centuries.* 1 hr.
Friday, 10.30.

Assistant Professor LANG :—

This and the following are literary courses, open only to such students as have passed through course 70 or who shall satisfy the instructor of their fitness by passing a special examination.

Spanish Drama. Guillen de Castro's play *Las Mocedades del Cid* (edited by E. Mérimée, Toulouse, 1890) and Select Plays of Calderon (edited by Norman Maccoll, London, 1888) will be read, and lectures given on the origin and development of dramatic art in Spain.

[72 *Spanish Literature of the xvith and xviith Centuries.* 2 hrs.

Assistant Professor LANG :—

Spanish Fiction. Study of the Novel in the golden age of Spanish literature, based on the reading of selections from works of the sixteenth century, but especially on Cervantes' Don Quixote (edition of Garnier Hermanos, Paris, 1875).]

Course 72 is omitted in 1894–5, but will be given in 1895–6.

75 *Italian, Elementary Course.* 3 hrs.
Monday, Wednesday, and Friday, 8.30.

Assistant Professor LANG :—

Course 75 is only open to those who have had Sophomore French, or who shall otherwise satisfy the instructor of their fitness to take it.

The aim of course 75 is to give the student a correct pronunciation of Italian, and such a command of grammar and vocabulary as shall lead to a gradual substitution of Italian for English as a means of instruction.

Grandgent's Italian Grammar and Composition; Baragiola's *Crestomazia Italiana ortofonica.*

76 *Modern Italian Essayists.* 1 hr.
Monday, 11.30.

Assistant Professor LANG :—

Besides affording practice in reading the more difficult prose of the Italian essay, course 76 is especially intended to make the student acquainted with some of the leading aspects of Italian

life and thought in the times of Dante. It is open to those who have passed through the preceding course, or who have done an equivalent amount of work elsewhere, and is considered as preparatory to the study of Dante.

La Vita italiana nel trecento, I *Storia*, Milano, Fratelli Treves Editori, 1892, will be read.

77 *Dante's Life and Works.* 1 hr.

Monday, 10.30.

Assistant Professor LANG :—

Students wishing to enter course 77 or 78, must have taken courses 75 and 76, or give proof of having done an equivalent amount of work elsewhere.

The *Vita Nuova*, the *Convito*, and the *Inferno*.

[78 *Dante's Life and Works.* 1 hr.

Assistant Professor LANG :—

The *Purgatorio* and *Paradiso*.]

Course 78 is omitted in 1894–95, but will be given in 1895–96.

COURSES IN THE GERMANIC LANGUAGES

SUGGESTIONS AS TO CHOICE OF ELECTIVES

Students who wish to begin the study of German will choose course 80.

Students who have already had but one year of German and wish to continue its study, will choose course 81.

Students who have already had but two years of German and wish to continue its study, would best choose among courses 82, 83, and 84, but have courses 85, 86, and 87 also open to them. Courses 82, 83, and 84 are intended to be parallel courses differing in subject-matter and vocabulary, and choice among them should be made according to interest in one or another subject-matter and vocabulary.

Students who have already had three years of German would best choose among courses 85, 86, and 87, but have courses 82, 83, and 84 also open to them.

Courses 89, 90, and 92 are primarily graduate courses, and are not to be chosen without the previous advice and consent of the instructor.

80 *Elementary German.* 3 hrs.

Monday, Wednesday, and Friday, 10.30.

Assistant Professor GRUENER.

81 *Second-year German.* 3 hrs.

Monday, Wednesday, and Friday, 10.30.

Mr. W. A. ADAMS :—

Reading of short stories by Riehl, Heyse, and Keller, and of other narrative prose. Practice in writing German. Study of word-formation. Students who have already had one year of German, and wish to continue its study, will choose this course.

82 *Schiller, Works and Life.* 2 hrs.

Two sections :

I, Monday and Friday, 10.30. II, Monday and Friday, 4.00.

Professor PALMER :—

Rapid reading of plays, poems, and prose writings of Schiller, with study of his life. The object of this course is to acquaint the student more fully with the vocabulary and style of standard German literature, and to present Schiller's character and influence as a writer and thinker. The course is open only to those who have previously had at least two years of German.

83 *Historical and Critical Prose.* 2 hrs.

Wednesday and Friday, 9.30.

Assistant Professor GRUENER :—

A course in rapid reading of selections from history, political writings, and literary criticism. The object of the course is to acquaint the student more fully with the historical and critical vocabulary and style. The course is open only to those who have previously had at least two years of German.

84 *Scientific German.* 2 hrs.

Wednesday and Friday, 11.30.

Professor PALMER :—

Rapid reading of extracts and monographs treating of subjects in natural science. The object of this course is to introduce the student to the more general vocabulary of modern scientific German. The course is open only to those who have previously had at least two years of German.

85 *Goethe, Works and Life.* 3 hrs.

Monday, Wednesday, and Friday, 9.30.

Professor PALMER :—

After an outline study of Goethe's life and development in connection with his lyric poems, his early prose writings, and his principal dramas, particular attention will be given to Faust i and ii, the later prose works, and Goethe's important utterances in letters, journals, and conversations. The course is open only to those who have previously had at least two years of German, and would ordinarily be taken best after three years of German.

[86 *History of German Literature, 1648–1832.* 2 hrs.

Professor PALMER :—

The development of German literature will be studied from the close of the Thirty Years' War to Goethe's death. The text-books will be: Kluge's *Geschichte der deutschen National-Litteratur*, Scherer's History of German Literature, Max Müller's German Classics, and Hillebrand's German Thought from the Seven Years' War to Goethe's Death. The course is open only to those who have previously had at least two years of German, and would ordinarily be taken best after three years of German.]

Course 86 is omitted in 1894–5.

87 *German Composition and Conversation.* 3 hrs.

Tuesday, Thursday, and Saturday, 8.30.

DR. OERTEL :—

For practice in speaking and writing. This course, conducted in German, is especially intended for those who look forward to teaching German and open to those only who have done superior work in German. Translation into German of narrative prose and of selections from history and literature; during the second term also original essays; special topics are assigned for discussion in German.

89 *Philosophical German.* 2 hrs.

Tuesday, 3.00–5.00.

Professor PALMER :—

In connection with course 9 there will be translated with graduate students Wundt's *System der Philosophie.* Seniors may choose this course with the consent of both instructors.

90 *Gothic, Old High German, and Old Saxon.* 2 hrs.

Tuesday and Thursday, 8.30.

Professor PALMER :—

An introductory course especially for those intending to study historically German or English.

The first half-year will be given to the study of Gothic and its phonological relations to both earlier Indo-Germanic and later Germanic languages. Braune's *Gotische Grammatik* or Wright's Gothic Language Primer, and Heyne's *Ulfilas.*

The second half-year will be given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch;* Gallée's *Altsächsische Grammatik* and Behaghel's *Hêliand.*

This course is not to be chosen without the previous advice and consent of the instructor.

Course 90 will be given in 1894–95, and omitted in 1895–96.

[91 *Old Norse (Icelandic).* 2 hrs.

Professor PALMER :—

Grammar and reading in the Eddas.]

Course 91 is omitted in 1894–5, but will be given in 1895–6.

92 *Middle High German.* 2 hrs.

Monday, 2.00; Wednesday, 8.30.

Assistant Professor GRUENER :—

Hartmann; *Nibelungenlied;* selected poems of Walther von der Vogelweide. Lectures and papers. This course is not to be chosen without the previous advice and consent of the instructor.

[95 *Norwegian and Danish.* 2 hrs.

The object of this course is to lay the foundation for a reading knowledge of the language. Together with study of the gram-

mar, there will be read selections from the writings of modern authors.]

Course 95 is omitted in 1894–5.

[96 *Swedish.* 2 hrs.

The object of this course is to lay a foundation for a reading knowledge of the language. Together with study of the grammar, there will be read selections from the writings of modern authors.]

Course 96 is omitted in 1894–5.

V. ENGLISH

[100 *History of English Literature.* [Juniors.] 2 hrs.

Professor COOK :—

An outline of the subject, on the basis of Brooke's Primer, Taine, Morley's First Sketch, and tenBrink's Early English Literature, with considerable reading of English authors at first hand. Frequent preparation of brief papers on assigned topics.]

Course 100 is omitted in 1894–5.

101 *Georgian Literature of the 19th Century.*

[Juniors.] 2 hrs.

Four sections :

I, Monday and Wednesday, 4.00 (2d term, 2.00).
II, Monday and Wednesday, 5.00 (2d term, 3.00).
III, Tuesday and Thursday, 4.00 (2d term, 2.00).
IV, Tuesday and Thursday, 5.00 (2d term, 3.00).

Professor BEERS :—

Critical readings in the class-room in the verse and prose of Wordsworth, Coleridge, Scott, Byron, DeQuincey, Lamb, Shelley, and Keats.

[102 *Shakespeare.* [Juniors.] 2 hrs.

Professor BEERS :—

A rapid reading of all Shakespeare's plays, with reference to their larger constructive features. Designed, in part, to lay a foundation for the further study of the drama in Senior year.]

Course 102 is omitted in 1894–5, but will be given in 1895–6.

[103 *Victorian Literature.* [Seniors.] 2 hrs.

Professor BEERS :—

The study of selected topics from the literary history (English and American) of the last half-century (1837–87). The instruction is given partly by lectures and partly through discussions of papers prepared by the class.]

Course 103 is omitted in 1894–5, but will be given in 1895–6.

104 *Literature of the Early Stuart and Commonwealth Period.* [Seniors.] 2 hrs.

Monday, 3.00; Friday, 5.00 (2d term, Monday, 4.00; Friday, 2.00).

Professor BEERS :—

The literary history of the generation of 1625–1660 (excluding the drama), with special reference to the development of prose, to the lyrical verse of the Church poets and the Cavaliers, and to the writings of Milton in English and Latin.

105 *English Romanticism.* [Seniors.] 2 hrs.

Thursday, 3.00; Friday, 4.00 (2d term, Thursday, 4.00; Friday, 3.00).

Professor BEERS :—

The history of English Romanticism from Thomson to Swinburne [1726–1890], with incidental study of parallel movements in Germany and France. Instruction is given mainly by lectures, and frequent written examinations are held on the reading assigned.

106*a* *English Political Orators.* 2 hrs. 1st term.

Monday and Wednesday, 12.30.

Professor COOK :—

Study of English Parliamentary authors of the eighteenth and nineteenth centuries, particularly of Burke. Comparison of English with American political orators.

106*b* *American Literature.* 2 hrs. 2d term.

Monday and Wednesday, 12.30.

Professor COOK :—

Study of selected authors, such as Emerson, Hawthorne, and Lowell, with outside reading in authors or works not undertaken in class.

107*a* *Bacon.* 2 hrs. 1st term.

Wednesday and Friday, 11.30.

Professor Cook :—

Bacon's Essays and Advancement of Learning. Study through paraphrase and amplification. Bacon's character, opinions, and style. His place in Elizabethan literature. Frequent preparation of brief papers on assigned topics.

107*b* *Browning.* 2 hrs. 2d term.

Wednesday and Friday, 11.30.

Professor Cook :—

Critical study of selected poems. Browning's theory of life, literary art, and place among the poets of this century. Comparative readings in other authors, and frequent preparation of brief papers on assigned topics.

[108*a* *Tennyson.* 2 hrs. 1st term.

Professor Cook :—

Critical study of selected poems. Tennyson's theory of life, literary art, and place among the poets of this century. Comparative readings in other authors, and frequent preparation of brief papers on assigned topics.]

[108*b* *Shakespeare.* 2 hrs. 2d term.

Professor Cook :—

Critical study of a few selected plays. The Leopold edition of Shakespeare; Moulton's Shakespeare as a Dramatic Artist; Schmidt's Shakespeare-Lexicon; annotated editions of single plays, etc. Frequent preparation of brief papers on assigned topics.]

Course 108 (*a* and *b*) is omitted in 1894–95.

110 *The Elizabethan Drama.* [Seniors.] 2 hrs.

Tuesday and Saturday, 10.30.

Dr. Phelps :—

A purely literary course in the English Drama, from the Mystery Plays to the closing of the theatres in 1642. The pre-Elizabethan period will be read and discussed only in the most cursory fashion, the object being to get merely an historical back-

ground. Some plays of all the principal dramatists from 1580 to 1640, except Shakespeare, will be read: Marlowe, Ben Jonson, Dekker, Chapman, Heywood, Middleton, Beaumont and Fletcher, Webster, Ford, Massinger, and Shirley. The course will require from every student a large amount of reading. Although intended primarily for Seniors and Graduates, a limited number of Juniors will be admitted, the previous consent of the instructor being necessary.

[111 *English Essayists.* 2 hrs. 2d term.

Professor COOK :—

Study of the opinions and style of selected prose authors, ranging from the Elizabethan era to the present. Frequent preparation of brief papers on assigned topics.]

Course 111 is omitted in 1894–95.

114 *English Composition.* [Seniors.] 1 hr.

Mr. H. A. SMITH :—

Thursday, 5.00.

Course 114 is intended primarily to give practice in composition. For this purpose a theme of not over 150 words will be required for the first term at least, five times a week from each member of the class. A weekly class-room exercise will be occupied with discussion and criticism of specimen themes, and with instruction in some of the principles of composition. The instructor will also meet the members of the class individually for conference about once a month. The methods of the course may be varied from time to time at the discretion of the instructor, and will require of the class a considerable amount of outside work.

115 *Old and Middle English.* 2 hrs.

Wednesday and Friday, 9.30.

Professor COOK :—

An elementary course in the beginnings and earlier development of the English language and literature. The first term will be devoted to Cook's First Book in Old English. In the second term this will be followed by more difficult Old-English texts, and by the reading of selections from Chaucer and other Middle English writers for linguistic purposes.

VI. ANCIENT LANGUAGES AND LINGUISTICS

Within the group of classical languages and literature, students may change from one course to another at the close of the first term, provided (1) that they secure the consent of the instructors of both courses, and (2) that the change involves no conflict of hours of recitation.

COURSES IN GREEK

120 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs.
Monday and Friday, 3.00.

Professor SEYMOUR :—

The works of these poets are read rather rapidly, with more attention to their characteristics as literature than to specially linguistic and grammatical questions.

[121 *Aeschylus and Pindar.* 2 hrs.]

Professor SEYMOUR.

Course 121 is omitted in 1894–95, but will be given in 1895–96.

[123 *Sophocles.* 2 hrs.

Professor GOODELL :—

Reading of the seven extant plays with special attention to the artistic form, including the poet's literary style, treatment of the myths, management of the action, use of metres, and the like. A brief introduction to Greek rhythmic and metric will be given by lectures.

This course is intended for graduates and for Juniors and Seniors who have done superior work in Greek.]

Course 123 is omitted in 1894–5.

124 *Euripides.* 2 hrs.
Tuesday and Thursday, 10.30.

Professor REYNOLDS :—

The *Hippolytus*, *Heracles*, *Iphigenia in Aulis*, *Bacchae*, *Ion*, and *Supplices*. A general-reading course with reference to Euripides's poetic and dramatic quality. Investigation and discussion of his relation to his own times, his dramatic innovations, and his influence on the Roman and the modern drama.

[126 *Aristophanes. The Testimony of the Old Athenian Comedy to the History and Private Life of its Time.* 2 hrs.

Professor PERRIN.

The Acharnians, Knights, Wasps, and Birds, will be read entire, together with extracts from the other plays, and a few of the more notable Fragments.]

Course 126 is omitted in 1894–95, but will be given in 1895–96.

[127 *The Age of Pericles.* 2 hrs.

Professor REYNOLDS :—

The reading of Attic Prose illustrative of Athenian political and social life, 450–400 B. C. Selections from Thucydides, Bks. i., ii., and vii., Xenophon, and Lysias ; and Andocides, *De Mysteriis*. Discussion of style, methods of the historians, and the other sources for the history of this period, the history of parties and public men, social questions, education, morals, etc. The course will involve in parts considerable rapid reading and the preparation of assigned themes.]

Course 127 is omitted in 1894–95, but will be given in 1895–96.

[129 *Plato.* 2 hrs.

Professor SEYMOUR :—

The *Gorgias* and several of the minor dialogues.]

Course 129 is omitted in 1894–95, but will be given in 1895–96.

130*a* *The Phaedo of Plato.* 2 hrs. 1st term.

Tuesday and Thursday, 3.00.

Professor SEYMOUR :—

Introduction to the literary and philosophical study of Plato ; observing carefully the dramatic character of the work, the connection of thought, and the marks of division of the argument, with special attention to the characteristics of Plato's literary style.

130*b* *Aristotle's Nicomachean Ethics.* 2 hrs. 2d term.

Tuesday and Thursday, 3.00.

Professor SEYMOUR :—

Books i–iv and x, with a study of Aristotle's methods of research and statement.

132 *Demosthenes.* 2 hrs.

Mr. KITCHEL :—

A literary and rhetorical study of Demosthenes's oration On the Crown and of Plutarch's Lives of Demosthenes and Cicero.

[135 *Introduction to Greek Archaeology.* 1 hr.

Professor GOODELL :—

An outline study of Greek pottery, architecture, and sculpture, with some attention to gems, metal work, coins, figurines, and painting, as illustrated by existing examples. The subject is taken up by periods, to show the historical development of Greek artistic production and its relation to other phases of Greek life and to modern art. Photographs, the large collection of archaeological works belonging to the Library, the University Coin-collection, and the casts of the Art School, are freely used in lectures and are made available for private study.]

Course 135 is omitted in 1894–95, but will be given in 1895–96.

[136 *Greek Dialects: Reading of the Greek Dialect Inscriptions.* 3 hrs.]

Dr. OERTEL :—

Course 136 is omitted in 1894–95, but will be given in 1895–96.

137 *Greek Composition.* 1 hr.

Friday, 5.00.

Mr. BROWNSON :—

Retroversion on the basis of some Attic prose author.

COURSES IN LATIN

Courses 141, 145, 146, 148, 149, 151, 153, 156, 161 are omitted in 1894–95, but will be given in 1895–96.

140 *Early Latin.* 1 hr.

Wednesday, 9.30.

Professor PECK :—

Study of inscriptions and of the ante-classical literature, based on Allen's Remnants of Early Latin, Merry's Fragments, and Smith's Selections.

The course is largely philological and critical, dealing with the origins of forms, constructions, and literature, and it is specially commended to those who expect to teach Latin.

Courses 140 and 141 can be taken by such undergraduates only as have done superior work in Latin.

[141 *Latin Philology.* 1 hr.

Professor PECK :—

In this course such features of the language are studied as its historical development and decay, relations to other languages, forms and syntax, pronunciation, adaptation to literature, etc.]

142 *Hexameter Poetry.* 3 hrs.

Monday, Wednesday, and Friday, 10.30.

Professor PECK :—

Development of poetic forms and styles in Latin, with studies in Ennius (the Annals), Lucretius, Vergil (the Georgics), and Horace (the Epistles).

144 *On Roman Oratory.* 2 hrs.

Tuesday and Thursday, 10.30.

Professor PECK :—

Cicero *(de Oratore)*, Quintilian (x, xii), Tacitus *(Dialogus)*.

[145 *Cicero's Letters.* 2 hrs.

Professor MORRIS :—

Reading of the letters in Watson's Selections (text-edition), followed by study of the speeches and letters of the year 708/46, with a view to arranging them in chronological order.

During the latter half of the year each session will occupy two hours, and little outside work will be required. Not more than ten undergraduates can be admitted to this course.]

[146 *The Conspiracy of Catiline.* 1 hr.

Professor MORRIS :—

A study of the Conspiracy of Catiline from the sources, involving the reading of Cicero *in Catilinam i–iv* and *pro Murena* Sallust's *Catilina*, Asconius on the oration *in Toga Candida*, and some chapters of Dio Cassius and Appian.

Each session will occupy two hours, and little outside work will be required. Not more than ten undergraduates can be admitted to this course.]

[148 *Prose Latin of the 1st Century.* 3 hrs.

Professor PECK :—

Tacitus (the Annals), Suetonius, and Pliny's Letters.]

[149 *Roman Satire.* 2 hrs.

Professor PECK :—

Lucilius, Horace, and Persius.]

150 *Satire and Comedy.* 2 hrs.

Tuesday and Thursday, 9.30.

Professors H. P. WRIGHT and MORRIS :—

Juvenal and Martial—Satires i, iii, iv, v, vii, viii, of Juvenal, with selections from Martial, with special reference to a study of the private life of the Romans.

Plautus—Three or four plays, with study of literary history, form, and influence.

[151 *Lyric and Elegiac Poetry.* 2 hrs.

Professors H. P. WRIGHT and MORRIS :—

Books iii and iv of the Odes of Horace, selections from Catullus, Tibullus, and Propertius, with special reference to literary qualities.]

152*a* *Terence.* 2 hrs. 1st term.

Tuesday and Thursday, 4.00.

Mr. ROBERTS :—

The *Andria*, *Phormio*, and *Adelphi*.

152*b* *Vergil.* 2 hrs. 2d term.

Tuesday and Thursday, 4.00.

Mr. ROBERTS :—

A course designed for those who expect to teach Vergil in preparatory schools. A part of Aeneid, Bk. i, will be studied critically and some of the later books will be read rapidly A general outline of Vergil literature will also be given.

[153 *Terence and Cicero.* 2 hrs.

Mr. ROBERTS :—

Terence : the *Hecyra*, *Heauton Timoroumenos*, and *Eunuchus*.—Cicero : the Philippic Orations.]

155 *Livy.* 2 hrs.

Thursday, 4.00–6.00.

Dr. THOMPSON :—

Selected portions of the first decade, with special reference to the early history and monuments of Rome.

[156 *Ovid.* 2 hrs.

Dr. THOMPSON :—

Fasti. Studies in Roman topography and mythology.]

158 *Latin Prose Composition.* 2 hrs.

Friday, 9.30 ; Saturday, 10.30.

Dr. J. J. ROBINSON :—

The work will consist of oral and written practice in translating English into Latin, using the text of Caesar's Gallic Wars as a basis during the first term, and selected orations of Cicero during the second term. To gain accuracy and facility in oral expression, the recitations will be conducted largely in Latin.

Course 158 is intended especially for those who expect to teach Latin.

160 *Comparative Phonology and Morphology of the Greek and Latin.* 3 hrs.

Thursday, 10.30–12.00 ; Friday, 3.00–4.30.

Dr. OERTEL :—

Course 160 is primarily intended for graduate classical students who wish to become acquainted with the methods and chief results of the modern comparative treatment of Greek and Latin sounds and inflection. Attention will be given to both Greek and Italic dialects.

Course 160 will be omitted in 1895–96.

[161 *Introduction to Comparative Syntax.* 2 hrs.]

Dr. OERTEL.

COURSES IN SANSKRIT AND LINGUISTICS

165 *Sanskrit.* 4 hrs.

Wednesday and Friday, 2.00.

Dr. OERTEL :—

Instruction in Sanskrit, beginning with Whitney's Sanskrit Grammar, and passing on to Lanman's Reader, etc., and to various branches of the literature, whether Vedic or classical, as may suit the advancement and the tastes of the student.

168 *Linguistics.* 2 hrs.

Tuesday, 4.00–6.00.

Dr. OERTEL :—

This course, which is primarily intended for graduate students, serves as an introduction to the principles of modern linguistic science with a discussion of its method and of the more important problems. No knowledge of Sanskrit is necessary.

VII. BIBLICAL LITERATURE

170 *Beginning Hebrew.* 4 hrs.

Monday, Tuesday, Thursday, and Friday, 3.00.

Professor SANDERS :—

The first term is devoted to the mastery of the elements of etymology and syntax in connection with a detailed study of Genesis i–iv. During the second term the work is more diversified, including reading at sight, a careful but fairly rapid reading of easy historical passages with especial reference to forms, idioms, and simple syntax, and one hour per week of close grammatical work. After Easter some simple lectures are given on the Hebrew language.

This course prepares a student to read ordinary Hebrew with considerable ease. It is adapted to three classes of students: those who intend to enter a Theological Seminary, those whose taste for linguistic study leads them to desire to become acquainted with the Semitic family of languages, and those who desire to acquire Hebrew in order to interpret rightly the Old Testament.

171 *Hebrew Poetry, Law, History, and Prophecy.* 2 hrs.

Tuesday and Thursday, 2.00.

Professor SANDERS :—

Selections from the short poems found in the historical books of the Old Testament from the legal material of Exodus and Deuteronomy, from the histories of Samuel and Kings, and from the Minor Prophets, giving a general acquaintance with the varied contents of the Hebrew Bible. At times stress is laid upon critical work; at other times upon rapid but accurate reading: the general purpose being to lay a broad basis for advanced work either in a Theological Seminary or in a University or for satisfactory private study.

174 *Sight-Reading in Hebrew.* 1 hr.

Wednesday, 3.00–5.00.

Dr. CREELMAN :—

A graduate course to which Seniors may be admitted who have already taken course 170. The class reads at least two hours each week, but it may be counted as the equivalent of one hour only.

175 *Beginning Arabic.* 2 hrs.

Thursday and Friday, 5.00.

Professor SANDERS and Dr. CREELMAN :—

During the first term the principles of the language are mastered in connection with the careful study of the Arabic version of Genesis i–iii. From Christmas until Easter the class reads in easy Arabic. After Easter selected Suras of the Quran are carefully read. In connection with these, lectures are given by the instructor on early Arabian civilization, Arabic literature, the structure and general contents of the Quran and the history of Islam.

This course affords a thorough introduction to classical Arabic. It is valuable to one interested in thorough Semitic study or to one interested in Comparative Religion, and is only moderately difficult for one who has already studied Hebrew.

176 *Beginning Assyrian.* 2 hrs.

Monday and Tuesday, 3.00.

*Professor SANDERS and Dr. CREELMAN :—

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid read-

ing of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser and Sennacherib in the cuneiform, some copying from tablets and lectures on Assyrian history and literature, especially on its bearing on Biblical questions.

180 *Biblical Literature (English).* 2 hrs.

Wednesday and Friday, 11.30.

Professor SANDERS :—

A survey of the whole Bible in English from an historical and literary standpoint, the material being arranged, as far as possible, on the principle of chronological and historical connection. The course aims to include (1) a general mastery of the Biblical material, (2) its reasonable interpretation, (3) an intelligent view of the important historical and literary problems suggested by it, (4) a conception of the development of Israel's history and religion and of its formative ideas, (5) a similar conception of the development of Christianity, (6) a realization of the place of the Hebrew nation in history, (7) a resultant comprehension of the character and value of the Bible.

This course aims to give to a student an intelligent and sympathetic grasp of the whole Bible. The tone of the work will be neither devotional nor purely critical. It leads to a candid interpretation on the basis of the actual Biblical facts.

The course covers two years and may be begun with almost equal advantage in either year. For 1894–5 the history and literature of the Old Testament from the time of the Exile and the history and literature of the New Testament will be the subjects of study. During 1895–6 the Old-Testament material down to the Exile will be taken up again.

[181 *Biblical Geography and Archaeology.* 1 hr.

Professor SANDERS :—

A study of Biblical customs and institutions which have special significance, such as sacrifice in its origin and history, the priesthood, the ritual, etc. A series of lectures with supplementary readings, special papers by the class, and discussions.]

Course 181 is omitted in 1894–95.

[182 *The History of the English Bible.* 1 hr.

Professor SANDERS :—

A study of the development of our English Bible from its earliest beginnings in the Hebrew and Greek. Such topics are

included as Hebrew writing, the Massoretes, the Old and New Testament Canon, the Versions, the various English translations. A series of lectures with discussions, special papers, and reviews.]

Courses 181 and 182 are given in alternate years. Course 182 is omitted in 1894–5, but will be given in 1895–6.

183 *The Pauline Epistles (English).* 1 hr.

Monday, 11.30.

President DWIGHT :—

A study of the Epistles with reference to the teachings of Paul, and their relation to the teachings of Jesus.

184 *The First Epistle and the Gospel of John (Greek).* 1 hr.

Monday, 3.00.

President DWIGHT :—

A study of the writings of John in the original Greek with reference to the thoughts of the author and the relation of the First Epistle to the Gospel.

185 *Messianic Prophecy (English).* 1 hr.

Monday, 2.00.

Dr. CREELMAN :—

A survey of the Messianic material in the Old Testament, so as to show the historical development of the conception. A series of studies, supplemented by lectures and by reading.

186 *Biblical Problems (Investigation Course).* 2 hrs.

Tuesday, 4.00–6.00.

Professor SANDERS :—

A limited number of Seniors will be admitted into the instructor's graduate course on this subject. The work will consist in the individual study of assigned topics, which will be reported to the class, compared, and discussed. The purpose of the course is to prepare for the patient and accurate investigation of Biblical questions. It will not aim to cover the whole Biblical field, but rather to consider a variety of topics.

VIII. THE FINE ARTS

190 *Drawing.* [Juniors.] 2 hrs.

Tuesday and Thursday, 2.00–3.50.

Professor NIEMEYER :—

This course consists of two exercises a week, of two hours each, in Drawing from the Antique and from the Life, and also in sketching from Nature out of doors. Exercises in original composition will be required from time to time. It is the aim of this course to teach the fundamental principles of Art, and to make the student familiar with the use of pen and pencil.

The work in Drawing is supplemented by lectures in Linear Perspective and the analysis of the Muscular Movements of the Human Body as expressed in the external forms.

191 *Painting.* [Seniors.] 2 hrs.

Monday and Friday, 2.00–3.50.

Professor WEIR :—

This course consists of two exercises a week, of two hours each, and is open only to those who have taken course 190 in their Junior year. The course consists principally of studies in Water-color Painting, and includes lectures on the Grammar of Art, on Painting, Sculpture, and Architecture, technically considered, with a critical account of the various Schools and their representative Masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern, and are open to the voluntary attendance of all other members of the Senior class of the Academical Department and to Graduate students.

192 *Modeling.* [Seniors.] 2 hrs.

Professor WEIR :—

Two exercises a week, of two hours each. Open only to those who have taken course 190 in their Junior year. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 195.

195 *History of Art.* 1 hr. 2d term.

Tuesday, 3.00.

Professor HOPPIN :—

This course of lectures will comprise the history of the dawn of the Christian idea in Art, and the origin of modern art in

Italy and Europe, with an account of the history of Byzantine art and the rise of the Saracenic architecture.

Lectures on any particular topic of Greek art of special importance to classical students, such as Doric architecture, may be given.

The lectures are illustrated by the use of the hydro-oxygen lantern.

IX. PHYSICAL AND NATURAL SCIENCE

COURSES IN PHYSICS

200 *Physics.* 3 hrs.

Dr. DAY :—

A general course, taking up in succession the subjects of Heat, Sound, Light, and Electricity, with class-room illustrations. Open to those who have not already done similar work in Junior or Sophomore year. Course 200 will be conducted in connection with the more advanced Physics of Sophomore year.

202 *Physics.* [Juniors and Seniors.] 2 hrs.

Two sections :

I, Monday and Wednesday, 9.30–11.20.
II, Tuesday and Thursday, 9.30–11.20.

Professor A. W. WRIGHT :—

Two exercises each week, chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

The successful prosecution of this course requires practical facility in the application of the Physics and Mathematics of the previous years, the lack of which may be made a reason for exclusion from the course.

203 *Physics.* [Seniors.] 2 hrs.

Tuesday, 2.00–3.50; Friday, 9.30–11.20.

Professor A. W. WRIGHT :—

A more advanced course of laboratory work in Physics, in continuation of course 202, and open only to those who have already pursued that course.

It will include practical problems in Physical experimentation of more elaborate character, and worked out with greater detail. Those students who make sufficient advances will be encouraged to undertake original investigations, in which they will receive necessary assistance and guidance, and will have free use of the resources of the Sloane Laboratory.

COURSES IN CHEMISTRY

SUGGESTIONS AS TO CHOICE

For those who take geology or the course in biology, or who have only a general interest in the subject as part of a liberal education or as a discipline :

In Junior year : Experimental Inorganic Chemistry (210).
In Senior year : Qualitative Chemical Analysis (211).

For those who intend to study medicine :

In Junior year : Experimental Inorganic Chemistry (210).
In Senior year : Qualitative Chemical Analysis (211).
Experimental Organic Chemistry (212).

For those who intend to become students of applied science, or who by reason of special interest desire to pursue the subject :

In Junior year : Experimental Inorganic Chemistry (210).
In Senior year : Qualitative Chemical Analysis (211).
Experimental Organic Chemistry (212).
Quantitative Chemical Analysis (213).

In courses 210 to 213 two hours in the laboratory constitute a single exercise, and count as the equivalent of a single hour in the elective scheme. In all these courses a fixed charge of $20.00 is made (to cover the expenditure for chemicals, gas, water, etc.) in addition to the cost of apparatus broken or not returned in serviceable condition. The entire expense of each course should average not far from $25.00 per annum.

210 *Experimental Inorganic Chemistry.* 3 exercises.

Two sections:

I, Monday and Friday, 2.00–3.50; Wednesday, 3.00–4.50.

II, Tuesday and Thursday, 2.00–3.50; Wednesday, 3.00–4.50.

Professor GOOCH and DR. BROWNING :—

Practical laboratory work, lectures, and written exercises. An introduction to elementary chemical theory, the use of symbols and formulae, and the descriptive study of the elements and their compounds. While elementary and fundamental in character, this course is probably sufficient for the needs of those who desire merely a very general knowledge of the facts and methods of chemistry. It is a prerequisite to the other courses in Chemistry, and to the course in Biology (241).

211 *Qualitative Chemical Analysis.* 3 exercises.

Monday, Wednesday, and Friday, 9.30–11.20.

Professor GOOCH and Dr. BROWNING :—

Laboratory practice in the ordinary processes of qualitative analysis, with lectures. This course is of special importance to those who intend to study medicine, engineering, or the technical professions in general, or who desire to teach elementary science. Open to those who have already completed course 210.

212 *Experimental Organic Chemistry.* 3 exercises.

Tuesday and Thursday, 9.30–12.20.

Professor GOOCH :—

An introduction to the study of the compounds of carbon. Laboratory work with lectures. This course is a desirable adjunct to courses 210 and 211 for those who purpose to become students of medicine or applied chemistry, or who have a special interest in chemistry. It is open only to those who have completed course 210.

213 *Quantitative Chemical Analysis.* 3 exercises.

Tuesday and Thursday, 2.00–5.00.

Professor GOOCH :—

Laboratory practice in the use of the simpler methods of gravimetric and volumetric quantitative analysis. This course is intended chiefly for those who wish to study exact methods of manipulation and treatment with a view to the application of

analysis to scientific or practical ends. It is open to those who having completed course 210, have either taken course 211 previously or propose to take it at the same time.

COURSES IN GEOLOGY

220 *Geology* (general course). 2 hrs.

Tuesday and Thursday, 9.30.

Professor H. S. WILLIAMS :—

A general course of lectures on the principles of geological science, in which Dana's Manual will be used as a reference book. Some parts of the subject presume a knowledge of the principles of Chemistry and Physics, and those who have not studied these subjects will do well to elect them before taking this course. Historical geology will be treated chiefly from a geological standpoint; the study of the relation of organisms to geology will be considered in the following course. Those students who wish to gain a thorough knowledge of both aspects of the science are recommended to elect this course in Junior year, following it with course 222 in Senior year, and those wishing to specialize in general geology will also elect course 224.

222 *The Geological History of Organisms.* [Seniors.] 3 hrs.

Monday, Wednesday, and Friday, 9.30.

Professor H. S. WILLIAMS :—

In this course Historical Geology is studied from a biological point of view. The nature of organisms, the principles of classification in Natural History, and theories regarding the evolution of organisms are discussed by means of lectures. Instruction is also given by laboratory exercises, the use of the historical part of Dana's Manual and other literature, and the preparation of theses. Open only to those who have passed in course 220.

224 *Geology* (advanced course). [Seniors.]

Professor H. S. WILLIAMS :—

This course is provided for men who wish to gain a practical knowledge of the science, and who have already taken course 220 in Geology; and have also studied Chemistry, Physics, and Mineralogy. The exercises consist of excursions during the fall and spring, laboratory work in the study of materials

and of notes made in the field, and the preparation of reports with collateral reading. The hours, both as to amount and time in the week, will be arranged by the instructor.

COURSES IN MINERALOGY

230 *Mineralogy and Crystallography.* [Seniors.] 2 hrs.
Tuesday, 2.00–3.50.

Professor E. S. DANA :—

Practical study of mineral species by means of blowpipe analysis and other methods; mathematical study of crystals by the methods of analytical and spherical trigonometry, as also of their optical properties. The time is divided about equally between the two parts of the subject; the practical exercises are prolonged to cover two hours when but little outside preparation is called for. Open to those who have some knowledge of elementary chemistry.

231 *Descriptive Mineralogy.* [Seniors.] 1 hr.
Saturday, 9.30.

Professor E. S. DANA :—

Advanced course in the study of mineral species, particularly as to the physical and crystallographic side, for those who have already gone through course 230, or its equivalent.

COURSES IN PHYSICAL GEOGRAPHY AND BOTANY

235*a* *Physical Geography.* [Juniors.] 3 hrs. 1st half-year.
Tuesday, Wednesday, and Thursday, 5.00.

Professor BREWER :—

This course of lectures will include the elements of dynamical geology and of natural history so far as is necessary for an understanding of the physical geography of the globe and the distribution of species.

235*b* *Botany.* [Juniors.] 3 hrs. 2d half-year.
Tuesday, Wednesday, and Thursday, 5.00.

Professor EATON :—

An elementary course in the botany of flowering plants. Recitations from Gray's Structural Botany from February till about

May 1st, followed by practical work in examining and identifying the ordinary native plants of the vicinity. The class is limited to twenty students.

237 *Pteridology and Bryology.* [Seniors.] 4 hrs.

Tuesday and Thursday, 2.00–3.50.

Professor EATON :—

This course begins with practical work in the dissection and examination of vegetable tissues, with especial reference to the structure of ferns and mosses. After some facility has been gained in this kind of work, the time will be devoted to the examination of as many mosses as possible, with a view to becoming familiar with the genera and with a large number of species. Those who take this course will be expected to devote considerable time to field-work and to making collections for their own use. The course is limited to those who have taken a preliminary course in the study of flowering plants.

COURSES IN BIOLOGY

[The courses in physiology and physiological chemistry, together with the courses in anatomy and general biology, are intended to constitute a continuous line of study in *Biology* extending through the Junior and Senior years, and are open only to those students who intend to pursue the entire course.

This course of study must be preceded by one or more courses in chemistry during Junior year, and a course in physics is likewise recommended.

This line of study is especially designed for those students who intend to pursue a course in medicine after graduation.]

240 *Physiology.* [Juniors.] 1 hr.

Wednesday, 2.00.

Professor CHITTENDEN :—

Huxley's Lessons in Elementary Physiology, with occasional lectures and illustrative experiments. This course is limited to those who take course 210, and is designed as a preparation for courses 241 of Senior year, *and is open only to those intending to take these courses.*

241*a* *Elementary Anatomy and General Biology.*
[Seniors.] 4 hrs. 1st term.

Monday and Friday, 2.00–3.50; Tuesday and Thursday, 3.00–4.50.

Professor S. I. SMITH :—

Four exercises, of a minimum of two hours each. Laboratory work and informal lectures. The time is devoted principally to dissections of the frog, and work with the microscope on the lower plants and animals, and in vertebrate histology, with special reference to the rudiments of biology and the elements of the morphology of animal tissues. The student is required to make microscopical preparations, keep careful records of his work, and pass frequent examinations. Open only to those who have taken courses 210 and 240 in Junior year, and to be followed by course 241 *b*.

241*b* *Physiological Chemistry.* [Seniors.] 4 hrs. 2d term.

Monday and Friday, 2.00–3.50; Tuesday and Thursday, 3.00–4.50.

Professor CHITTENDEN :—

Four exercises a week, of a minimum of two hours each, in the laboratory of physiological chemistry. This forms a continuation of course 241*a* and is open only to those who have taken courses 210 and 240 in Junior year. The time is devoted mainly to a study of the chemistry of the connective, contractile, and nerve tissues, of the chemical processes of salivary, gastric, and pancreatic digestions, and so far as the time allows, of other subjects connected with the physiology of nutrition and the chemistry of the excretions.

A short course of lectures by Professor S. I. Smith on Embryology, and a somewhat longer one by Professor Chittenden on Experimental Toxicology, are also open to students in the above course.

A laboratory fee is charged for course 241 (*a* and *b*). The student in addition must bear the expense of gas, flasks, etc., which should not exceed ten dollars.

243 *Anatomy.* [Seniors.] 1 hr.

Monday, 11.30.

Assistant Professor FERRIS :—

A general course in Human Anatomy adapted to the demands of students in biology.

X. MATHEMATICS

250 *Calculus.* 2 hrs.

Two sections:

I, Monday and Friday, 10.30.
II, Tuesday and Thursday, 11.30.

Professor NEWTON.

251 *Integral Calculus and Mechanics.* [Seniors.] 3 hrs.

Monday, Wednesday, and Friday, 11.30.

Professor NEWTON :—

Mean values and probabilities; differential equations; analytical statics and dynamics. Open only to those who have taken course 250.

252 *Analytical Geometry.* 2 hrs.

Tuesday and Friday, 9.30.

Professor PHILLIPS :—

An extension of the course in the plane and solid Analytical Geometry of Sophomore year, including the use of determinants and trilinear coördinates; methods of tracing algebraic and transcendental curves; study of machines for tracing curves and of models of mathematical surfaces. Newcomb's Analytical Geometry will be used as the basis of instruction. This will be supplemented by lectures.

253*a* *Vector Analysis.* [Seniors.] 2 hrs. 1st term.

Monday and Wednesday, 3.00.

Professor GIBBS :—

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

253*b* *Vector Analysis.* [Seniors.] 2 hrs. 2d term.

Monday and Wednesday, 3.00.

Professor GIBBS :—

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions,

and that of linear vector functions. This course is especially designed for an introduction to the study of mathematical physics, and is open only to those who have taken course 253*a*.

255 *Theory of Numbers.* [Seniors.] 2 hrs.

Thursday, 9.30; Friday, 10.30.

Assistant Professor FISHER :—

History and nature of arithmetical notations and processes. General properties of prime numbers. Congruences of the first degree. Quadratic forms. General application to arithmetic, geometry, etc.

260*a* *Descriptive Astronomy.* 3 hrs. 1st half-year.

Monday, Wednesday, and Friday, 10.30.

Assistant Professor BEEBE :—

Intended principally for the study of topics connected with the historical and physical side of astronomy. Only so much mathematical work will be introduced as is essential to an understanding of such topics. Text-book: Young's Elements of Astronomy.

It is intended to offer occasionally in place of the usual recitation an hour for study of constellations and observation with the telescope.

The only courses in the second half-year open to those who choose course 260*a* are Surveying (260*b*), and Botany (235*b*).

260*b* *Surveying.* 3 hrs. 2d half-year.

Two sections: I, Monday, 10.30; Tuesday and Thursday, 2.00–3.50; II, Monday, 10.30; Wednesday and Friday, 2.00–3.50.

Assistant Professor BEEBE :—

One, or sometimes two, hours per week will be given to recitations. The other exercises will be in field or office work during the afternoons, each exercise occupying usually not less than two hours.

Field-Work: The ordinary operations of land-surveying, leveling, and elementary topography, involving the use of the chain, compass, surveyor's level, transit and plane table.

Office-Work: Platting surveys from the field notes; determination of areas from the map and by numerical calculation; map-drawing, plane and topographical; construction of verniers, and examination of instrumental errors.

Text-book: Johnson's Surveying.

262*a* *Practical Astronomy.* 2 hrs. 1st half-year.

Tuesday and Thursday, 10.30.

Assistant Professor BEEBE :—

Observatory work with astronomical transit and chronograph for determination of sidereal and standard time, and with sextant and theodolite for determination of latitude and azimuth. Numerical computations for reduction of observations. Derivation of formulae. Recitations from Loomis's Practical Astronomy.

262*b* *Algebra.* 2 hrs. 2d half-year.

Tuesday and Thursday, 10.30.

Mr. BOWDEN :—

The more modern subjects, such as are contained in Salmon's Higher Algebra or Burnside and Panton's Theory of Equations.

264 *Shooting Stars and Meteors.* 1 hr.

Tuesday, 11.30.

Professor NEWTON :—

The mathematical theory of these bodies, and the treatment of the observations of them. Persons selecting this course are expected to make observations on shooting stars in specified hours during the summer vacation and the first term. These observations will be made use of in the course of instruction.

XII. MUSIC

270 *Harmony.* 2 hrs.

Monday and Thursday, 4.00.

Professor PARKER :—

The study of chords, their construction, relations, and progressions.

This course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's Harmony (Breitkopf & Härtel, New York and Leipzig) is used as text-book.

271 *Counterpoint.* 2 hrs.

Monday and Thursday, 3.00.

Professor PARKER :—

The work will be harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

272 *Strict Composition.* 2 hrs.

Monday and Thursday, 2.00.

Professor PARKER :—

The more severe kinds of composition will form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four and three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course 275.

No text-book is used.

273 *The History of Music.* 1 hr.

Wednesday, 5.00.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form will be given in the class-room.

274 *Instrumentation.* 2 hrs.

Tuesday and Friday, 3.00.

This course is open only to students who have done the work of courses 270 and 271, and it is strongly recommended that course 272 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in the analysis of scores, &c., &c.

275 *Free Composition.* 2 hrs.

Tuesday and Friday, 2.00.

This course is intended primarily for graduates, and is open only to students who have done the work of courses 270, 271, 272, and 274, and who have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music will be composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student will be required to produce an extended work, probably in sonata form.

276 *Practical Music.*

Professor SANFORD :—

Instruction will be given on the organ and piano to a limited number of the students who take courses in the Theory of Music. A fee of twenty-five dollars will be charged.

XIII. PHYSICAL CULTURE

280 *Physiology and Theory of Gymnastics.* [Seniors.] 2 hrs.

Drs. SEAVER and ANDERSON :—

Course 280 is designed for those who intend to teach physical culture or to direct departments of physical education in institutions of learning. The work will come under two general branches as follows :

Physiology (Dr. SEAVER). 1 hr.

Friday, 7.00 P. M.

This work consists of one recitation a week during the year. The first term is devoted to elementary physiology. The second term is devoted to human physiology, special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied. The last half-term is given to a study of sanitary science.

Theory of Gymnastics (Dr. ANDERSON). 1 hr.

Practice, Tuesday and Thursday, 2.00.

Under this head will be discussed (*a*) the scientific basis of physical training; (*b*) history of gymnastics and growth of the various systems; (*c*) means employed, such as apparatus and appliances; (*d*) physical examinations and measurements; (*e*) pedagogy of gymnastics; (*f*) practice in teaching gymnastics three hours a week. (One lecture a week during the second term.)

Three hours a week will be required in special gymnastic drill.

Members of the class will be expected to act as division leaders under the direction of Mr. H. S. Anderson. They will also be called upon to arrange exercises for other classes, and to classify movements for overcoming common physical defects.

The following statements are added to explain the general aim and scope of the instruction in some of the leading subjects of study.

GREEK—During the first two years, the student reads five or six books of Homer, dramas of Aeschylus, Sophocles, and Euripides, one or two comedies of Aristophanes, selections from the history of Herodotus, one or more orations of Demosthenes, Isocrates, or Lysias, the Apology or some dialogue of Plato; occasionally, the Symposium of Xenophon or selected dialogues of Lucian. These works are selected with a view to making the student familiar with the leading branches of Greek literature, and the most interesting phases of Greek life and thought. The most important grammatical principles are reviewed in Freshman year; in Sophomore year, grammatical questions are discussed rarely, except as they are necessary for the interpretation and illustration of the author's meaning. In reading the works of the poets,

less attention is paid to linguistic and grammatical points than to their literary quality, to the structure of the poems, to poetic words, forms, arrangement of words, rhythm, and constructions; but the growth and development of the language are discussed as well as the development of the literature. In reading the orators and historians, the connection of thought and of events is made prominent. Greek prose composition is practiced so far only as to aid the student in reading Greek authors, and to quicken his perception of nice distinctions in the order and choice of words and construction.

In the optional courses of the Junior and Senior years, the student has the opportunity of reading the works of the lyric poets, other Greek dramas, and other dialogues of Plato, parts of Aristotle (his Politics and Ethics), and the idyls of Theocritus; as well as of studying Greek inscriptions, and of doing more critical work on the Homeric poems than is suited to the first College year; and of learning the Modern Greek language. The history of Greek philosophy is studied. Students may also attend Professor Hoppin's fully illustrated lectures on Greek art, in the Art School.

LATIN is continued as a required study till the close of the Sophomore year, when it is intended that the student shall have gained clear conceptions of the genius of the language and its relations to other ancient and to modern tongues, a good knowledge of the characteristics of Latin literature and the essential facts of Roman history, and some appreciation of the position of Rome in the history of civilization. That subsequent reading of the language may be more easy and more exact, due attention is given in the early part of the course to forms, constructions, and idioms. From term to term the study of the literature is made more prominent, and particular texts are treated as means for the study of the public and private life of the Romans. Instruction is given mainly by recitations, but such work is supplemented by occasional lectures by the instructors and by conferences on papers presented by the pupils. In connection with the minute study of the authors, considerable time is given to oral and written reading at sight, and to composition in Latin.

For Juniors and Seniors who desire to continue their Latin studies, parallel courses are offered by different instructors, with different ends in view and by different methods. The characteristic of a course may be, *e. g.*, literature, or history, or philology, or antiquities, or the speaking and writing of Latin; and the methods of preparation and the class-room treatment vary accordingly. Topics suggested by the nature of the courses, or by individual tastes and intentions, are assigned to students, and papers thus prepared are discussed before the class. Lectures and the rapid reading of large amounts of texts are

more frequent than in the prescribed courses. The connection of Latin with English is emphasized, and written translations are from time to time required and criticized with reference both to their faithful reproduction of the Latin thought and their idiomatic English. German annotated editions are often used, not only for their intrinsic helpfulness, but also to encourage the practical use of that language. Students who give evidence of unusual capacity and attainments may be admitted to membership of graduate classes.

MATHEMATICS—In Geometry the exercises consist in recitations from the text-book, the original demonstration of theorems, and applications of the principles to the solution of numerical problems.

After the student has gained facility in the use of trigonometrical tables, the principles of Plane Trigonometry are applied to the problems of Mensuration, Surveying, and Navigation, and likewise those of Spherical Trigonometry to the elementary problems relating to the celestial sphere.

In Mechanics, the elementary principles of Kinematics, Kinetics, and Statics, in reference to solid bodies, are presented with practical applications.

In Algebra the elementary principles of the theory of equations are illustrated graphically, and the student is exercised in the numerical solution of equations of the higher degrees and the graphical representation of the relations of quantities.

In Analytical Geometry the student is carried through the elementary properties of the lines and surfaces of the second degree, and is introduced to the theory of map-projection.

In the Junior and Senior years opportunity is given in the elective courses to obtain a wider knowledge of Analytical Geometry and Trigonometry with their applications to Geodesy and Astronomy. A course is provided in Junior year in Differential and Integral Calculus, designed for such as expect to make a serious study of any department of pure or applied mathematics.

In Senior year advanced subjects in the Calculus and the elements of Analytical Mechanics form one line of study.

An elementary and an advanced course are provided in what is called Vector Analysis. The object of these courses is to introduce the student to the methods of multiple algebra in geometry, mechanics, and physics. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's. The elementary course is confined to the simplest algebraic relations of vectors. The advanced course includes differentiations with respect to position in space, and the theory of linear vector functions.

Students who show special aptitudes are exercised in the working up of subjects which require the use of the library and more prolonged investigation than the daily exercises of the class-room. Such work begins in Freshman year. There is a considerable collection of models which are used to assist the imagination in the various branches of study.

ENGLISH—The required study of English literature occupies three hours a week through one-third of Freshman year. This work has two objects in view: (1) to give the student an elementary knowledge of the history of English literature, so that he may be able to take more advanced courses or do general reading intelligently, the means employed being recitations from Brooke's Primer in English Literature; (2) to make every student intimately acquainted with a part of the works of the greatest English writers, by forming the habit of reading them critically and with a thorough understanding of every sentence; this end is sought to be attained by class-room discussion of three representative plays of Shakespeare, attention being paid to the close interpretation of the text, the development of plot, analysis of character, and general aesthetic criticism.

In Sophomore year the following authors are read: Spenser, Shakespeare, Bacon, Milton, Addison, Swift, Pope, Johnson, Goldsmith, and Gray. The study is both historical and critical, giving the student an idea of the general development and course of English literature, while, at the same time, aiming to establish sound principles of criticism and secure a better appreciation of literature as an art. Practice in composition-work is afforded by the preparation of three papers in the year, on subjects connected with the work of the course.

The strictly elective work in English (the Sophomores elect five out of six subjects) follows four different, though related, lines. Instruction is offered in the history of the literature as a whole; in the earlier stages of the language, with reference as well to the reading of the older literature as to linguistic discipline; in composition; and in the study of various periods, tendencies, classes of writers, and individual authors.

The course in the history of English literature is meant to deepen and extend the instruction in that subject received in the earlier years.

The course in Old and Middle English is intended to impart a general view of the history of the language, and the elementary knowledge essential to the reading of pre-Chaucerian authors as well as to the fuller understanding of Chaucer himself; this course is especially recommended to all those who look forward to the teaching of English, whether in college or secondary school.

The course in composition affords opportunity for practice in the

preparation of daily themes, and for the broader, as well as the minuter, criticism of them by the instructor. Besides this special class in composition, many of the courses in literature provide opportunities for the preparation of papers on topics that are naturally suggested, and for the oral discussion of them. The DeForest, Townsend, TenEyck, Betts, and McLaughlin prizes (pp. 121–22), are under the superintendence of the instructors in English, and constitute a stimulus to sound and creditable work in composition.

The chief periods of English literature, with reference to which instruction is at present provided, are: (1) the Early Stuart and Commonwealth period; (2) the Georgian period; (3) the Victorian period; (4) that covered by American literature, especially of the present century. The chief tendency discussed is that indicated by the term Romanticism. The chief classes of writers examined are the Elizabethan Dramatists, the Essayists, and the Political Orators of the last and the present centuries. The chief individual authors studied are Shakespeare, in two different courses, pursuing two somewhat different objects; Bacon; Browning; and Tennyson.

The larger number of the courses in English are intended to be disciplinary, as well as instructive; in other words, they have in view the development of insight and power no less than the conveyance of information.

GERMAN—The student may pursue the study of German during each of the four years of his College course, if he so elect. While the study may be begun at the opening of any of the four years, it is strongly urged that the elementary work be done in Freshman or in Sophomore year, in case the student proposes to take up the language at all.

The courses of work for the successive years may be outlined as follows. During the first year the work consists of German grammar, translation of easy English phrases, sentences, and connected prose into German, and of easy German prose into English. Constant sight-translation is used as a means for developing and strengthening the student's vocabulary and for freeing him from dependence upon the lexicon and from the word-by-word methods which its use encourages. Especial care also is devoted to pronunciation. The work of the second year continues and extends that of the first year, taking up the translation of more difficult German prose, both with previous preparation and at sight, the study of word-formation, and the translation of more difficult English prose into German. Throughout the two years the aim in reading German is to cover as much ground as possible—from 500 pages upwards—in the belief that thereby the student will acquire more command of the language than when a smaller amount is read with rigid attention to grammatical details. It is expected that at the end of the

second year the student will have adequate preparation for the use of the language in his work in other branches of study. Those, therefore, who are studying German solely for this end in view may perhaps discontinue class-study at this point; but no student should begin the language unless he expects to devote at least two years to its study.

For the remaining years the courses vary from year to year; but opportunity is given for the critical study of works of leading authors, and for the study of periods in the history of German literature. Advanced courses are offered also in earlier German literature and in the historical development of the language.

German readings are given by the instructors, outside of the regular College work, and a course in advanced composition is given, in which German alone is spoken. German is constantly read aloud in the class-room, and efforts are made to improve the student's pronunciation and to help him to acquire some facility in expressing his ideas in German. But it is not a leading aim in the instruction in German to enable the student to converse in that language. Training in the ordinary conversational idiom may be had more profitably elsewhere and cannot form any considerable part of the class-room work. The student may acquire the language as a tool for use in other departments of study, and may come in contact with the best works of German literature, studying their form and contents, and the lives and environment of their authors; fluency in conversation must be acquired where the conditions are more fitted to the object which they are to effect.

ROMANCE LANGUAGES—In his Junior year the student who has satisfactorily passed the Sophomore examination in French can elect, according to his relative proficiency, one or two of the following courses: *a*, a course conducted entirely in French and consisting of the study of some portion of French history; *b*, a course of systematic readings and criticisms, covering a period of modern French literature; *c*, a course in syntax and composition. Elementary courses in Spanish and Italian are likewise offered to him.

In his Senior year, he can be admitted to the following graduate courses: *a*, in French, Spanish, and Italian literatures; *b*, in Old French and Provençal.

In every case, the selections must be made with the advice and approval of the department.

PHYSICS—The instruction in Physics is begun in Sophomore year, with a course, extending through the year, of three exercises weekly. This is a general course, conducted by recitations, liberally illustrated by means of apparatus and experiments, and by occasional lectures.

The object is to give a broad general view of the subject, to make the student familiar with the fundamental principles of the science, to enable him to understand something of the methods of experiment and reasoning by which physical laws have been established, and to give him an insight into the processes by which accuracy is attained in physical work, and the degree to which it may be carried. The work serves also as the introduction to, and foundation for, the more advanced courses offered in Junior and Senior years, in which the student may pursue lines of work in general and theoretical Physics of a higher grade, or may take up practical work in the Sloane Physical Laboratory, beginning with the course in Junior year, and continuing the work, of a more advanced character, during Senior year, as is described in the list of elective courses.

CHEMISTRY—This study is optional. A course in experimental inorganic chemistry is open regularly to Juniors and Seniors, and by permission to Sophomores and Freshmen who, having been excused upon examination in advance from a part of their required work, desire to prepare themselves for the subsequent pursuit of advanced scientific studies in which some knowledge of chemistry is necessary or desirable, or who wish to master during the college course certain branches of knowledge which—like qualitative and quantitative chemical analysis, organic chemistry, anatomy, biology, physiology, and physiological chemistry—are directly anticipatory of work otherwise required in the medical or technical schools. In this course, which is a prerequisite to the other courses in chemistry and to the course in biology, and is desirable for those who propose to study mineralogy and geology, instruction is given in lectures and laboratory practice, and frequent examinations, written or practical, serve to review and emphasize essential principles and facts as well as to test the progress of the student. Other courses, open to students who are familiar with the subject-matter of the first course, offer instruction by lecture and laboratory practice in the ordinary processes of qualitative analysis, in the preparation and study of the compounds of carbon, and in the exact methods of gravimetric and volumetric analysis. It is the aim of all these courses to teach facts and principles inductively and experimentally.

Candidates for special honors in physical science who have the requisite standing and who desire to present their theses in chemistry, have the opportunity to undertake (under guidance) the solution of problems demanding original thought and investigation.

GEOLOGY—The instruction in this department is designed primarily to acquaint the student with the fundamental facts of the constitution

of the earth, the arrangement of its parts, and the materials and forces which have been and are the basis of its history. As far as practicable the class-room instruction will be supplemented by the use of specimens such as are found in the museums or such as make up the geological features of the vicinity of New Haven. The facts and phenomena of the science will be also used as an introduction to the methods of making observations, of deriving from them correct scientific notions, and in general as a means of the exercise and development of the faculties of inductive reasoning. Students prepared for the work will be encouraged to make special investigations in the lines of historical geology and the history of organisms, for which the facilities are ample, and in other special problems of structural geology well exhibited in and about New Haven.

POLITICAL SCIENCE AND LAW—An elementary course in Economics is provided, which treats not merely the general principles of the science, but some of the most important practical applications in Finance and Legislation. Walker's Political Economy is used as a text-book, and is supplemented by constant lectures and discussions. Those who take Economics in Junior year have an opportunity in Senior year to become acquainted with the history of the science and the controversies now going on in it, and to study more thoroughly special topics. In the course in Anthropology they are also offered an opportunity to become acquainted with the new sciences whose investigations are so important for the whole field of social science.

The course in Law treats of municipal and international law as parts of a liberal education. The object is to study civil institutions, both in their theory and in their positive form. The instruction is elementary, dealing with the fundamental facts and principles which underlie the civil polity of the American State, and is intended to give the student a correct knowledge of such essential facts about the life of the State and its accepted doctrines, as every educated man should possess, as well as to lead up to the professional study of law.

MENTAL AND MORAL SCIENCE, AND PHILOSOPHY—The courses in this branch of study begin in Junior year, and continue until graduation. During Junior year, three hours per week of class-room work in Logic, Psychology, Ethics, and the Evidences of Religion, and during Senior year two hours per week of class-room work in Philosophy, are required of every student; the remainder of the work in these and kindred subjects is elective.

LOGIC—This is a required course, beginning in the Junior year. It aims at a thorough knowledge of the principles of deductive and in-

ductive reasoning. In Deductive Logic special attention is given to an analysis of the syllogism as well as to a study of its functions and logical value. Oral and written discussions of examples of deductive argument constitute a considerable portion of the work of the class. In Inductive Logic the problem, grounds, and principles of induction are discussed. A great deal of attention is given to familiarizing the students with the principles and methods of scientific investigation. Essays on observation, experiment, classification, hypothesis, etc., are required. The work in Logic includes an examination of recent logical theories.

The course in Deductive Logic is based on Jevons-Hill's Elements of Logic; in Inductive Logic on Fowler's Inductive Logic.

PSYCHOLOGY—Required work in this subject begins in Junior year and consists of three exercises a week, continued through rather more than half the college year. Although the course is taught with constant use of a text-book, upon which recitations are exacted, considerable time from the first is taken by the teacher in oral instructions, critical or supplementary of the text. Attention is called to the most recent advances in experimental psychology, and to the educational bearings of the subjects treated. This systematic instruction in general psychology is supplemented by a course of lectures on the structure and functions of the nervous system, the end organs of sense, and selected topics in general psychology, including the psychological bases of ethics and of theism. The most important of the older and newer works on psychology are placed in the University Reference Library for the use of students who are urged to do side reading in connection with the class-room work. The course in Physiological and Experimental Psychology extends through the entire year and is taught by lectures and recitations; it is illustrated by constant use of models, charts, histological preparations, apparatus for mixing color-sensations, etc. It is designed to go briefly over the whole ground of the modern experimental and physiological study of mental phenomena; especially as regards reflex and automatic cerebral action, the localizing of cerebral function, the quality and quantity of sensation, psychometry, and the physical basis of the higher faculties. It may be elected either in the Junior year as preparatory, or in the Senior year as supplementary, to the required course in introspective Psychology. The newly equipped laboratory furnishes facilities for performing the experiments before the class.

HISTORY OF PHILOSOPHY—The study of this subject is confined to the Senior year. In the study of the History of Greek Philosophy the principal emphasis is laid upon Plato and Aristotle, and upon the post-

Aristotelian Schools, as illustrating the permanent and most interesting problems of Philosophy.

The course in Modern Philosophy extends through the whole of the Senior year. The subject is taught both by recitations from the text-book, with accompanying remarks from the teacher, and by lectures. Effort is made to secure from each pupil the careful reading of at least one work of some prominent philosopher of the period considered in the class-room. Special emphasis is laid upon the philosophy of Kant. It is a constant aim to trace the development of modern speculative thought so as to throw light upon the principal questions in debate among present writers in philosophy.

PHILOSOPHY—In addition to the study of Philosophy as connected with the problems of rational Psychology, and as illustrated and enforced by the history of the development of Philosophy, the works of one or more of the leading authors are read and discussed, with such students as take the elective courses opened for this purpose. In this way the more general studies in Metaphysics and Ethics are supplemented by special information regarding selected subjects and writers.

MORAL SCIENCE, as a study, is intimately connected with the instruction in Psychology and Philosophy, as its foundations are discovered in the constitution of the human soul, and its method and fundamental relations are justified and enforced by those principles which are essential to all scientific thinking. In the department of Moral Science and of Practical Ethics, a somewhat thorough course is required of the entire Junior class, as an essential element of a thorough education and an important condition for practical usefulness. This general course is supplemented by special classes in scientific and practical Ethics, and particularly in the history and criticism of ethical theories, which are maintained through the year.

MUSIC—The department aims to provide adequate instruction for those who intend to become professional musicians, either teachers or composers, and to offer a complete course of study to such as intend to devote themselves to musical criticism and the literature of music. In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

SPECIAL HONORS

Special Honors are conferred at the end of Senior year.

One-year and two-year honors may be taken in the following groups of studies:

(1.) Philosophy. (2.) History. (3.) Political Science and Law. (4.) English. (5.) Ancient Languages. (6.) Modern Languages (exclusive of English). (7.) Natural and Physical Science. (8.) Mathematics. (9.) Music.

A candidate for a one-year honor must pursue with distinction in his Senior year, and a candidate for a two-year honor in his Junior and Senior years, courses (whether prescribed or elective) amounting to an average of at least six hours per week in one of the specified groups. For a two-year honor the work must be so distributed that an average of at least four hours per week is taken in Junior year.

In History, courses *taken in Junior Year* may be counted as part of the work for two-year honors in Political Science and *vice versa.*

In Classics, Modern Languages (exclusive of English), and Mathematics, two-year honors will not be given unless the work in those subjects amounts to four hours per week in each year.

In Music, one-year honors will be given for distinguished work on the completion of course 271, and two-year honors on the completion of all the courses offered to undergraduates.

Students taking a sufficient number of hours in any group may by that fact be considered as candidates for honors in that group.

A candidate's whole work in any group, though it may be more than the minimum requirement for an honor, will be reckoned as a competition for the honor.

A candidate for either honor must present a meritorious thesis before June 1, of his Senior year.

[In the department of Modern Languages, elementary French and German, and in the department of Ancient Languages, elementary Hebrew, will not be reckoned for honors. In the department of Mathematics, no student will be considered a candidate for honors, unless he has taken the Calculus.]

TERMS AND VACATIONS

THE PUBLIC COMMENCEMENT is held on the last Wednesday in June. The first term begins thirteen weeks from the day after Commencement-day and continues twelve weeks; the second term begins on the Tuesday after the first Thursday in January and continues until Commencement-day with a Spring Recess — of eight days — including Easter. (See Calendar, p. 6.) The exercises of each term begin with prayers in the Chapel.

PUBLIC WORSHIP

PRAYERS are attended in the Battell Chapel, with reading of the Scriptures and singing, every week-day at 8.10 a. m., at which service the attendance of the students is required.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained only on presenting to the Dean a written request therefor from the parent or guardian.

THE YALE YOUNG MEN'S CHRISTIAN ASSOCIATION has a membership of about nine hundred, representing all departments of the University, and has its headquarters in Dwight Hall, which was erected in 1886, through the generosity of Mr. Elbert B. Monroe of Southport, Connecticut. This is a fine, stone building, situated on the college square, and admirably adapted to be the center of the social, religious life of the University; it contains a convenient reading-room, a carefully selected library, a large hall for general religious services, and separate rooms for the prayer-meetings of the various classes.

The Dwight-Hall lecture course, the devotional meetings, the classes for Bible study, and the mission-work carried on by the students, have come to be prominent features of Yale life.

LIBRARIES AND READING ROOMS

The Library of the University, containing about 170,000 volumes, is open every week-day to all the students for consultation and for the drawing of books; in a separate part of the building is the Linonian and Brothers Library, a collection of over 30,000 volumes in general literature specially selected for the use of the undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening without charge. There are also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

GYMNASIUM

The Gymnasium is designed to provide all students of the University with opportunities not only for general exercise, but also for means of caring for the body with a knowledge of hygienic laws. It also provides for specific training in view of any physical defects that may be remedied by rational superintendence.

The Department is under the supervision of a Director, assisted by two Associate Directors both of whom are regularly educated physicians.

The gymnastic training is designed to be progressive from year to year. The members of the different classes may take exercises in the various forms of gymnastics under the instruction of the Directors, and any student may enter the classes in general gymnastics. An instructor is always present in the main exercise-hall to direct individual or class work. All students requiring such care are assigned exercises suited to their special needs.

A thorough physical examination and measurement is offered each student yearly and a record of these results is kept as a basis of advice as to exercise and regimen. An examination of these records shows that the standard of health of the average student improves during his college course.

For the welfare of the students the following rule has been passed by the Corporation :

Required that every man who presents himself for exercise in the gymnasium, or who desires to use its privileges, should first submit to a physical examination by one of the Directors ; or, in default of such an examination, should bring from his physician a written certificate (the form to be furnished by the Director) that he is physically sound ; or a written certificate from his parent or guardian that he wishes the student excused from the examination and that he himself will take the responsibility of exercise without a previous examination.

An elective course is provided for the Senior class as set forth in the prospectus of elective studies. (See course 280.) This provides training in hygiene and gymnastics for those who intend to teach or to supervise the work in educational institutions. Dr. Seaver gives a course of lectures on elementary physiology and sanitary science. Dr. Anderson and Mr. H. S. Anderson give lectures and lessons in the theory and practice of gymnastics.

There are several prizes offered for excellence in physical work.

Members of other Departments may avail themselves of the use of the Gymnasium, including advice from the directors, use of apparatus, the Turkish baths, showers, bowling-alleys, etc., on the payment of a small fee.

The new Gymnasium, erected by graduates for the use of the University, was opened to students in 1892. The arrangement of the building is in general as follows : the location is on the north side of Elm street, and the front is 138 feet, while the depth is 86 feet. The entrance is by an archway at the east end, which leads through the building to a large lot in the rear that affords room for outdoor exercises, such as throwing the hammer, putting the shot, hurdling, pole-vaulting, jumping, etc.

The basement is reached by an entrance from the lot, and contains an engine-room, laundry, a bath-room with twelve tubs, each provided with a shower and douche, toilet-rooms, a room with two bowling-alleys, and a room for base-ball teams.

The first floor contains the spacious entrance-hall, or vestibule, a dressing-room for athletes, with bath and toilet rooms for their special use, a complete equipment of lockers, baths, a swimming-pool (28 x 50 feet), Turkish bath, and two rowing-tanks large enough for eight-oar crews.

The second floor is occupied by offices, club rooms, and a large dressing-room with shower-baths and toilet-rooms adjoining. This room now has over one thousand ventilated lockers, with space for a thousand more whenever they may be needed.

The Gymnasium is open from 9.30 in the morning until 9.30 at night. Graduate and undergraduate students are entitled to the use of the tub and Turkish baths upon the payment of a small fee.

EXPENSES

The Treasurer's bills are made out and delivered to the students, or *(request to that effect being made)* mailed to the parent or guardian, three times a year, viz: at the beginning of each term or half-term, at which time they are payable. If not paid before the end of the month, following the month in which they are issued, the student will not be permitted to attend recitations until his bill shall have been paid, and in the allotment of college rooms will not be permitted to retain or choose a room. Drafts on New York, Boston, and Philadelphia are received at par.

The annual charges are: for tuition one hundred and twenty-five dollars, and for incidentals (including ordinary repairs, expenses of public rooms, gymnasium, libraries, and reading-room) thirty dollars. Of this amount fifty-five dollars are payable at the beginning of the first term, and fifty dollars at the beginning, and again at the middle of the second term. An additional charge of eighteen dollars is made in the last bill of the Senior year, to cover expenses of graduation.

Absence on Leave—A student who is absent from College on account of sickness, or for any other cause, and

retains his place in his class, pays full tuition during such absence; such payment is required before the student can be admitted to examination.

BOARD is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

THE YALE DINING HALL, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The Hall contains seats for 450, and is open to students of the Academical and Scientific Departments. A bond of $500 is required by the Treasurer of the University for each student admitted, and the price of board is charged on the regular term-bill. Application for seats at the table must be made to the steward, Mr. Vertner Kenerson.

ROOMS—There are in the College buildings nearly four hundred rooms occupied by students, at prices varying (according to location) from fifty cents to ten dollars per week, payable each term or half-term in advance. These rooms are not furnished, and the rates charged do not include heat or light.

Farnam Hall (built in 1869–70) is named in commemoration of Henry Farnam, Esq., of New Haven, who bore the chief part of the expense of its erection; Durfee Hall (built in 1870–71) commemorates in like manner the generosity of Mr. Bradford M. C. Durfee, of Fall River, Mass.; Lawrance Hall (built in 1885–86) owes its name to a gift for this purpose from Mrs. Francis C. Lawrance, of New York City, in memory of her son, Thomas Garner Lawrance, of the Class of 1884, who died during his Senior year in College; Welch Hall, completed in 1892, is the gift of Pierce N. Welch, Esq. (Yale College 1862), of New Haven, in memory of his father, the Hon. Harmanus M. Welch, of this city, who died in 1889; Vanderbilt Hall, first occupied in 1894, is the gift of Mr. and Mrs. Cornelius Vanderbilt, of New York City, in memory of their son, William Henry Vanderbilt, a member of the Class of 1893,

who died in 1892; and White Hall, completed in 1894, was erected at the expense of Andrew J. White, M.D. (Yale 1846), of New York City.

Students living out of College are not allowed to room in any hotel or apartment-house or in any building in which a family does not reside, except by special permission of the Faculty.

A few rooms in each building are reserved in May, for members of the Freshman class of the year following, and are assigned to applicants in order of application.

Members of the Junior, Sophomore, and Freshman classes, occupying any of the College rooms, may retain the same rooms for another academic year, by making application in writing to the locating officer, on or before Saturday, May 25, 1895. Rooms not reserved will then be offered to the classes in order: choices will be allotted to the Junior class on Tuesday, May 28, to the Sophomore class on Friday, May 31, and to the Freshman class on Wednesday, June 5.

PRICES PER WEEK OF ROOMS IN COLLEGE FOR 1894-95

When a room is occupied by two persons, each occupant will be charged with one-half the price named in this schedule. The prices given for Welch Hall include steam-heat.

$0.75.—70 South Middle; 98, 99, 114 North.

$1.00.—84 South Middle; 97, 100, 113, 116 North; 190, 191 Old Chapel; 359, 360, 361, 362, 363, 364, 365, 366 White; 417, 418, 419, 420 Berkeley.

$1.25.—81, 82, 94, 95 South Middle; 409, 410, 411, 412, 416, 421 Berkeley.

$1.50.—73, 74, 77, 78, 86, 87, 91 South Middle; 401, 402, 403, 404, 408, 413 Berkeley.

$1.75.—80, 83, 93, 96 South Middle; 103, 106, 107, 110, 111, 119, 122, 123, 126, 127 North; 400, 405 Berkeley.

$2.00.—71, 72, 75, 76, 79, 85, 88, 89, 92 South Middle; 101, 104, 105, 108, 109, 112, 125, 128 North; 133, 137, 141, 160, 167, 175 Farnam; 181 Lyceum; 186, 187, 192, 193 Old Chapel; 385, 386, 387, 388, 393, 394, 395, 396 Berkeley.

$2.25.—384, 389, 392, 397 Berkeley.

$2.50.—120, 124 North.

$3.00.—182, 183 Lyceum.

$3.50.—142, 143, 158, 159, 161, 162, 176, 177 Farnam; 250, 251, 260, 261, 270, 271, 281 Lawrance; 415, 422 Berkeley.

$4.00.—130, 131, 138, 139, 144, 145, 146, 147, 153, 154, 156, 157, 164, 165, 172, 173 Farnam; 180 Lyceum; 407, 414 Berkeley.

$4.50.—14, 18 Vanderbilt; 134, 135, 140, 148, 149, 151, 152, 168, 169, 174 Farnam; 208, 215, 216, 223, 224, 231, 232, 239 Durfee; 248, 249, 258, 259, 268, 269, 279 Lawrance; 341, 342, 379, 380, 381, 382 White; 399, 406 Berkeley.

$5.00.—22, 26, 40, 56 Vanderbilt; 129, 163 Farnam; 202, 209, 210, 217, 218, 225, 226, 233 Durfee; 241, 242, 246, 247, 252, 253, 256, 257, 262, 263, 266, 272, 273, 277, 282 Lawrance; 296, 311, 312, 327 Welch; 338, 339, 355, 356, 357, 358, 375, 376, 377, 378 White.

$5.50.—44 Vanderbilt; 206, 214, 221, 222, 229, 230, 237 Durfee; 351, 352, 353, 354 White; 383, 390, 391, 398 Berkeley.

$6.00.—48, 52 Vanderbilt; 132, 136, 166 Farnam; 204, 211, 212, 219, 220, 227, 228, 235 Durfee; 245, 254, 255, 264, 265, 274 Lawrance; 284, 295, 297, 298, 299, 300, 301, 302, 313, 314, 315, 328, 329, 330 Welch; 332, 333, 335, 336, 367, 368, 369, 370, 371, 372, 373, 374 White.

$6.50.—343, 344, 345, 346 White.

$7.00.—2, 3, 13, 15, 41, 43, 45, 58, 60 Vanderbilt; 178, 179 Lyceum; 201, 203, 205, 234, 236, 238 Durfee; 280 Lawrance; 283, 285, 286, 288, 292, 303, 304, 308, 316, 317, 318, 319, 323 Welch; 340, 347, 348, 349, 350 White.

$8.00.—1, 11, 12, 16, 25, 27, 29, 36, 42, 55, 57, 59, 67, 69 Vanderbilt; 278 Lawrance; 287, 289, 291, 293, 305, 306, 309, 310, 322, 326 Welch; 337 White.

$8.50.—5, 8, 17, 19, 21, 23, 47, 49, 51, 53, 63, 66 Vanderbilt; 290, 294, 320, 324 Welch.

$9.00.—10, 28, 34, 39, 54, 68 Vanderbilt; 321, 325 Welch; 331 White.

$10.00.—4, 6, 7, 9, 20, 24, 30, 32, 35, 37, 46, 50, 61, 62, 64, 65 Vanderbilt; 240 Durfee; 334 White.

The subjoined table gives near estimates of the ordinary annual expenses in College, omitting clothing, vacation charges, and sundries.

	Lowest	General Average	Very Liberal
Treasurer's bill, tuition,	$125	$125	$125
" " incidentals,	30	30	30
Rent and care of half-room in College,	20	90	125
Board, 36 weeks,	125	175	288
Furniture, average of half-room for 4 years,	10	25	40
Fuel (steam-heat) and light, for half-room,	15	20	35
Washing,	15	25	42
Text-books and stationery,	10	25	40
Subscriptions (to Societies, Sports, Periodicals, etc.),		20	100
Private servant, for special care of room,			35
Total,	$350	$535	$860

BENEFICIARY AID

The sum of twenty thousand dollars and upwards, derived mainly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid. In this amount are included the income of the LANGDON FUND, of four thousand dollars, bequeathed in 1835 by Solomon Langdon, of Farmington, Connecticut, and a portion of the income of the ELLSWORTH FUND, now about ninety-six thousand dollars, received since 1858 from the estate of the Hon. Henry L. Ellsworth (Yale College 1810); both these funds are used for the support of students intending to enter the ministry. There is also a LOAN FUND, the income of which is used for scholarships, which has been constituted from repayments made to the treasury by former students who have received aid during the College Course. The College has also a considerable number of scholarship funds, each yielding one hundred and fifteen dollars a year, the income of which is appropriated to worthy applicants. Those needing aid should apply to the President before November 1st in each year of the College course. No assignments from these funds are made before admission to College.

Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

THE MORGAN FUND, bequeathed by the late Henry T. Morgan, of New York City, has been set apart by the Corporation, with the provision that the income shall be divided into scholarships (at present thirty-seven in number, yielding one hundred and fifteen dollars each), to be assigned by the Faculty for the benefit of indigent and deserving students.

THE MARETT FUND, amounting to over one hundred and thirty-two thousand dollars, which was established by the will of Philip Marett, Esq., of New Haven, in 1869, and was received in 1889, has been appropriated for beneficiary scholarships, in aid of needy and deserving students.

THE CHRISTMAN FUND, amounting to over twenty-two thousand dollars, bequeathed by Joseph A. Christman (Yale College 1857), of New York City, who died in 1888, is devoted to the support of poor and meritorious students.

THE HARMER FOUNDATION OF SCHOLARSHIPS, the proceeds of a bequest in 1854 from Thomas Harmer Johns (Yale College 1818), of Canandaigua, N. Y., comprises five scholarships, each yielding at least one hundred dollars a year, to be given to deserving students of small means.

THE LYON SCHOLARSHIP FUND, of forty-four hundred dollars, given in 1868–72 by Mr. Morris W. Lyon (Yale College 1846), of New York City, benefits four scholars, selected for their worth and need by the founder or the Faculty.

THE LUCIUS HOTCHKISS FUND, of ten thousand dollars, the bequest of Lucius Hotchkiss, Esq., of New Haven, in 1881, comprises four scholarships, the income of which is given to indigent and deserving students.

THE LEAVENWORTH SCHOLARSHIP FUND, now amounting to over twelve thousand dollars, was established in 1882 by the late Hon. Elias W. Leavenworth (Yale College 1824), of Syracuse, N. Y., with the primary object of defraying in part the expenses of the education of students of good character and promise, bearing the surname of Leavenworth.

THE HOLMES SCHOLARSHIPS, one in each class in College, founded by Samuel Holmes, Esq., of Montclair, New Jersey, are filled upon the nomination of the Board of Agents of the Silas Bronson Library of Waterbury by students from the towns of Waterbury, Wolcott, Prospect, and Middlebury, Connecticut, who receive each the income of one thousand dollars *per annum*.

There are thirty-four other Scholarship Funds, most of them of one thousand dollars, the income of which may be given to such students as shall be selected by the founders or the Faculty. In this number are included Scholarships named in commemoration of William Allen, Charles Atwater, Mills Bordwell, William S. Charnley, William E. Dodge, Thomas H. and Luther Fuller, Sereno Gaylord, Joel Hawes, John C. Holley, Charles L. Ives, Elisha C. Jones, William A. Macy, John S. Mitchell, Peter Parker, John M. Raymond, John Spaulding, and James M. Whiton.

There are also opportunities for students in need of aid to render service to the College as monitors, etc.; in this way about fifteen hundred dollars is disbursed annually. And in general it may be said that the other means of self-help at the command of students are sufficient to enable many of those who have spare time to provide for the larger part of their College expenses.

By the liberality of Mr. William L. Andrews, of New York City, and as a memorial of his son, Loring W. Andrews, of the class of 1883, a well furnished library has been established, containing text-books and works of reference, to be loaned gratuitously to those students who have need to avoid the expense of purchasing books. Permission to use this library is obtained from the Dean.

FELLOWSHIPS AND SCHOLARSHIPS

THE DOUGLAS FELLOWSHIP, with an income of six hundred dollars a year, was founded in 1873, by Mrs. Samuel Miller, of New Haven, and named in memory of her broth-

ers, the Rev. Sutherland Douglas (Y. C. 1822) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of this Department, pursuing non-professional studies in New Haven, is elected annually, but no person shall hold the Fellowship for more than three years.

THE SOLDIERS' MEMORIAL FELLOWSHIP, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861–1865, and in special remembrance of William Wheeler, of the Class of 1855. The incumbent must be, at the time of his election, a graduate of this Department, of not more than three years' standing. He shall pursue non-professional studies, and may hold the Fellowship for a period not exceeding five years. In selecting the incumbent, the President and Professors are to give preference to one who has shown special proficiency in Greek; and for the further prosecution of Greek study, the Fellow may spend a part or the whole of the time of his incumbency in Athens, in connection with the American School of Classical Studies, instead of in New Haven.

THE SILLIMAN FELLOWSHIP, founded in memory of Professor Benjamin Silliman, Professor of Chemistry, Mineralogy, and Geology in Yale College from 1802 until his death in 1864, has an annual income of six hundred dollars, and is awarded to a graduate of this Department who has given evidence of proficiency and promise in some branch of physical science. The incumbent is elected annually, but no person shall hold the Fellowship for more than three years.

THE JOHN SLOANE FELLOWSHIP in Physics, established in 1889 by the gift of ten thousand dollars from John Sloane, Esq., of New York City, is awarded annually by the Faculty to a graduate of this Department who has shown marked proficiency in the study of Physics, and gives promise of success in the prosecution and application thereof. The incumbent shall reside in New Haven

for at least thirty-six weeks in each academic year, pursuing a course of study in Physics and the related branches of science, and acting as an assistant in the Sloane Physical Laboratory ; he may be re-elected, but shall not hold the Fellowship for more than three consecutive years.

THE SCOTT HURTT FELLOWSHIP, with a foundation of twelve thousand dollars, was established in June, 1893, by Mrs. Sarah I. Hurtt, of New York City, in memory of her son Burgess Scott Hurtt, of the class of 1878, Yale College. The incumbent must be a graduate of the academical department, of not more than three years' standing at the time of his first appointment, and may hold the fellowship for three years by annual re-election. In addition to a good moral character, the person appointed must have maintained a satisfactory standing in scholarship and must purpose to pursue a scholastic, professional, or scientific career, in which he gives promise of success. He shall, if required by the President and Professors, reside in New Haven for at least one year of his incumbency, during thirty-six weeks of the year, pursuing his studies there; but with this exception may have the privilege of prosecuting his studies at any foreign University, or at the American School of Classical Studies in Athens.

THE BERKELEY SCHOLARSHIP, founded in 1733 by the Rev. George Berkeley, Dean of Derry, and afterwards Bishop of Cloyne, Ireland, and yielding over sixty dollars a year, is awarded to the student in each Senior class who passes the best examination (which must be a creditable one) in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's Iliad, Cicero's Tusculan Questions, Tacitus (except the Annals), and Horace ; provided he remain in New Haven as a graduate, one, two, or three years.

THE CLARK SCHOLARSHIP, being the income of a fund of two thousand dollars, given for this purpose by Mr. Sheldon Clark, of Oxford, Connecticut, is awarded in each Senior class to the applicant who has attained the highest

rank in the studies of the course; provided he remain in New Haven for one year or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

THE BRISTED SCHOLARSHIP, founded in 1848 by Mr. Charles Astor Bristed (Yale College 1839), of New York City, and yielding over one hundred dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

THE FOOTE SCHOLARSHIPS, founded in 1873 by a bequest of Harry W. Foote (Yale College 1866), of New Haven, and yielding five hundred dollars a year, are awarded annually to graduates of this Department, selected by the Corporation, who remain in New Haven for one or more years pursuing studies in the graduate courses of the Department of Philosophy and the Arts.

THE LARNED SCHOLARSHIPS, three in number, each having a fund of seven thousand dollars, were founded in 1877 by the bequest of Mrs. Irene Larned, of New Haven, and were augmented in 1888 by the bequest of Mrs. Urania B. Humphrey, of Norfolk, Connecticut. One scholarship is awarded in each Senior class; the incumbent must reside in New Haven, pursuing a course of advanced study under the direction of the Faculty.

THE ELLEN BATTELL ELDRIDGE SCHOLARSHIPS, two in number, each having the income of a fund of twelve thousand dollars, were established in 1894 by a bequest from Mrs. Azariah Eldridge, of Yarmouth, Massachusetts. The incumbents who shall be graduates of this Department, selected by the President and Professors, must reside in New Haven, pursuing such a course of study as they may select and the Faculty approve. No scholar shall continue on the foundation for more than three years.

THE MACY SCHOLARSHIP, being the income of a fund of ten thousand dollars, derived from a bequest of the Rev. William A. Macy (Yale College 1844), of Shanghai, China, who died in 1859, is awarded, whenever there may be a vacancy, to a recent graduate of distinguished scholarship, who may hold it for a term of three years. He shall reside in New Haven, pursuing a course of non-professional study, and shall at the close of each College year present a meritorious thesis in evidence of his work during the previous year.

THE WOOLSEY SCHOLARSHIPS, each having the income of a fund of one thousand dollars, the gift of President Woolsey, in 1846–48, are awarded in successive years, one to the student in each Freshman class, who passes the best examination in Latin Composition (excellence in which is essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, during the four years of his College course, provided he maintains a good standing in character and scholarship, and in the Junior year makes himself acquainted with the Differential and Integral Calculus. The student who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP FUND, of one thousand dollars (established by Henry A. Hurlbut, Esq., of New York City, in 1858–9); and the student who stands third, the income for one year of the THIRD FRESHMAN SCHOLARSHIP FUND, of the same amount. given by Charles M. Runk, Esq., of Allentown, Pennsylvania, in 1864.

THE W. W. DEFOREST SCHOLARSHIP, being the income of a fund of two thousand dollars, bequeathed in 1867 by William Wheeler DeForest, of New York City, is awarded to a student in each Senior class who has attained distinction in the study of French while in College, provided he pursue for the year after graduation a further course of study in the modern languages, especially French, Spanish, Portuguese, or Italian, under the direction of the Faculty.

THE SCOTT HURTT SCHOLARSHIP was established in 1889 in memory of Burgess Scott Hurtt, of the class of 1878, Yale College, by his classmates and friends. The income of a fund of five thousand dollars is assigned in June of each year to a member of the Sophomore class, who is selected by the Faculty on the ground of approved scholarship; one half of the income will be paid to the incumbent during his Junior year, and one half during his Senior year, provided he continues to be in need of this assistance.

THE THOMAS GLASBY WATERMAN FUND, of forty thousand dollars, was received in 1890 from the estate of Thomas G. Waterman (Yale College 1886). The income is given to not more than three scholars, of manly character and limited means, who have distinguished themselves in their studies and give promise of achieving distinction in the line of work which they have chosen; the incumbents are elected annually by the Faculty from the Senior or Junior class, or from graduates of the Department of not more than two years' standing.

THE ALFRED BARNES PALMER SCHOLARSHIP FUND, of five thousand dollars, was given in 1892, by the Rev. Charles Ray Palmer, D.D., in memory of his son, Alfred Barnes Palmer, of the class of 1892, Yale College. The annual income is paid, during his College course, to a student in avowed need of beneficiary aid, of unexceptionable character, and of high rank in scholarship.

THE DANIEL LORD, JUNIOR, MEMORIAL FUND, of five thousand dollars, was established in 1894, by Daniel Lord, Esq., of New York City, in memory of his son, Daniel Lord, Junior, of the Class of 1892, who died in June, 1893. The annual income is given to a deserving and needy undergraduate student in this Department—preferably a member of the Senior class—who shall be selected by the Faculty.

PREMIUMS

THE DEFOREST PRIZE, founded in 1823 by David C. DeForest, of New Haven, and consisting of a gold medal, of the value of one hundred dollars, is awarded "to that scholar of the Senior class who shall write and pronounce an English Oration in the best manner," the President and Professors being judges.

TOWNSEND PREMIUMS, five in number, of twelve dollars each, founded in 1843 by the gift of Isaac H. Townsend (Yale College 1822), of New Haven, are awarded in each Senior class for the best specimens of English Composition; all compositions receiving Premiums must be read in public.

THE DEFOREST MATHEMATICAL PRIZES were established by the late Dr. John DeForest (Yale College 1826), and were augmented by his son, the late E. L. DeForest (Yale College 1854), of Watertown, Connecticut. A first prize of one hundred dollars, and three second prizes of fifty dollars each, are offered to the Senior Class for worthy solutions of problems in pure and applied Mathematics. This year about sixty dollars from the same source will be offered in prizes to the Junior, Sophomore, and Freshman classes respectively, for the solution of problems.

WINTHROP PRIZES, the income of a fund of five thousand dollars given in 1871 by Buchanan Winthrop, Esq. (Yale College 1862), of New York City, are annually offered to the Junior class "for the most thorough acqaintance with the Greek and Latin poets," particular attention being paid to elegance of scholarship and appreciation of the spirit of the poetry, as shown at an examination during the latter half of the second term. The first prize is two hundred dollars, and the second prize is the balance of the income for the year.

The subjects for the examination in the class of 1896 are as follows: in Greek, Theocritus; in Latin, Catullus.

THE HENRY JAMES TENEYCK PRIZES, the income of a fund of twenty-six hundred dollars, established in 1888

by the Kingsley Trust Association in memory of Henry James TenEyck (Yale College 1879), are awarded to the successful competitors at the Junior Exhibition, in the second term of each year.

THE C. WYLLYS BETTS PRIZE, established in 1890 by the Phelps Association, in memory of the late C. Wyllys Betts, Esq., of New York City, a graduate of Yale College in the class of 1867, is offered to the Sophomore class for excellence in English composition. The prize, being the income of a fund of one thousand dollars, is awarded annually to that member of the class who shall have exhibited the most meritorious work in the required compositions of the year and in a special essay on a prescribed subject.

THE MCLAUGHLIN MEMORIAL FUND, consisting at present of one thousand dollars, founded in 1893 to commemorate Edward Tompkins McLaughlin (Yale College 1883), late Professor of Rhetoric and Belles Lettres in Yale University, is devoted to the encouragement of English composition in the Freshman class. From the income of this fund a first and second prize, in books, are offered during the current year.

COLLEGE PREMIUMS are given each year in the Sophomore class for Declamation.

THE THACHER MEMORIAL FUND, of three thousand dollars, founded in 1892, by gifts from the class of 1842, and named in honor of their former instructor, Professor Thomas A. Thacher, is devoted to the encouragement of the practice of extemporaneous debate. One hundred and fifty dollars of the income will be offered in prizes for this object during the current year.

SCOTT PRIZES for excellence in German and in French are offered to the Junior class; these are of the value of thirty dollars each, and are given in books. The prizes were founded by the bequest of Henry W. Scott (Yale College 1863), of Philadelphia, who died in 1871.

THE LUCIUS F. ROBINSON LATIN PRIZES, from the income

of a fund of five thousand dollars given in 1887 by the daughters of the late Lucius F. Robinson (Yale College 1843), of Hartford, will be awarded the present year to students showing special proficiency in Latin :—one series of prizes (of fifty, thirty, and twenty dollars, respectively) being open to members of the Senior and Junior classes who have taken three hours per week in Latin electives; and a second series, of the same amounts, to members of the Sophomore class.

BERKELEY PREMIUMS for excellence in Latin Composition are offered to the Freshman class near the end of each College year, from the surplus income of the Berkeley Scholarship Fund.

THE HUGH CHAMBERLAIN GREEK PRIZE, being the income of one thousand dollars given for this purpose, in 1886, by the Hon. Daniel H. Chamberlain (Yale College 1862), of New York City, is awarded annually to that member of the Freshman class who has passed the best examination in the Greek required for admission to College. Candidates for this Prize will be required to pass the whole examination in Greek in June of the year of their entrance into College, even though they may have been accepted already in some or all of the Greek subjects in a previous year.

DEGREES

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Saturday before Commencement.

For the degrees of MASTER OF ARTS and DOCTOR OF PHILOSOPHY, see pp. 166–68.

SHEFFIELD SCIENTIFIC SCHOOL

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THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning. Instruction is also given in French, German, Spanish, English, History, Political Economy, and Political Science.

The school, begun in 1847, and reorganized upon a more extensive scale in 1860, received in 1863, by the act of the Connecticut Legislature, the national grant for the promotion of scientific education under the Congressional enactment of July, 1862, and thus became the College of Agriculture and the Mechanic Arts for Connecticut.

The name was conferred upon it by the Corporation of the University as a recognition of the late Joseph E. Sheffield, Esq., whose gifts to it at various times constitute its chief property and endowment.

OFFICERS AND INSTRUCTORS—Upon the Governing Board, consisting of the professors permanently attached to the school, devolve its internal management and the greater part of the instruction. In addition to these and the instructors employed during the current year, Professor Niemeyer, of the Yale School of the Fine Arts, gives instruction in Elementary and Free-hand Drawing.

THE BOARD OF STATE VISITORS consists of the Governor, the Lieutenant-Governor, three Senior Senators, and the Secretary of the State Board of Education.

The instruction is intended for two classes of students :—

I.—Graduates of this and other colleges or universities, and other persons qualified for advanced or special study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in part linguistic and literary, for higher scientific studies, or for other occupations to which such training is suited.

INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the school for more special professional training in the physical sciences and their applications, gaining in one, two, or three years the degree of BACHELOR OF PHILOSOPHY, or in two additional years of Engineering study, that of CIVIL ENGINEER or that of MECHANICAL ENGINEER.

Or, engaging in studies of a less exclusively technical character, they may become candidates for the degree of DOCTOR OF PHILOSOPHY, under the conditions stated on page 166. The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by instructors in other departments.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to obtaining a degree, special or irregular students are received in most of the departments of the school; not, however, in the Select Course, nor in the Freshman Class. It should be distinctly understood that these opportunities are not offered to persons who are incompetent to go on with regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

TERMS OF ADMISSION

Candidates must be not less than fifteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman Class the student must pass a thorough examination in the subjects mentioned below. Certificates of standing elsewhere are not accepted in place of this examination, but it is desirable that each candidate should submit a statement from his principal

instructor, showing definitely the ground covered by his preparatory studies. The subjects required for the full entrance examination are as follows:

1. *English Grammar*—Whitney's Essentials of English Grammar, or an equivalent.
2. *English Literature* (preliminary)—Coleridge's Ancient Mariner; Scott's Ivanhoe, and Lady of the Lake; Irving's Alhambra; Macaulay's Essay on Clive.
3. *English Literature* (final)—Byron's Fourth Canto of Childe Harold; Macaulay's Essay on Byron; Hawthorne's House of the Seven Gables; Thackeray's English Humorists; Tennyson's Princess.
4. *History of England.*
5. *History of the United States.*
6. *Latin Grammar and Exercises*—Simple exercises in translating English into Latin, together with the elements of Latin Grammar.
7. *Caesar*—The first four books of the Gallic War.
8. *Vergil*—The first three books of the Aeneid. This involves necessarily an ability to scan Latin hexameters.

   For these four books of Caesar and three of Vergil's Aeneid, no equivalent will be accepted.
9. *German or French.*
10. *Algebra to Quadratics*—Fundamental Operations, Fractions, Equations of the First Degree, with one or several unknown quantities; Inequalities, Ratio and Proportion, Powers and Roots, including the Theory of Exponents, the Binomial Formula for an Entire Exponent, and the Transformation and Reduction of Radicals.
11. *Algebra from Quadratics*—Equations of the Second Degree, Progressions, Continued Fractions, Permutations and Combinations, the Doctrine of Limits, the Nature of Series, the Method of Indeterminate Coefficients, Fundamental Properties of Logarithms, Compound Interest, and Annuities.
12. *Plane Geometry*—Including fundamental notions of Symmetry, and examples of Loci and Maxima and Minima of Plane Figures, so much, for example, as is contained in the first five books of Chauvenet's Geometry.
13. *Solid and Spherical Geometry*—So much, for example, as is contained in the last four books of Chauvenet's Geometry.

14. *Trigonometry and the use of Logarithms*—Including the Analytical Theory of the Trigonometrical Functions, and the usual formulae; the Construction and Use of Trigonometrical Tables; and the Solution of Plane Triangles:—so much, for example, as is contained in the first six chapters of Newcomb's larger Trigonometry and in articles 75–78 of chapter viii, with the explanation of the first five tables in Newcomb's five-figure Logarithmic and Trigonometric Tables, which are furnished at the examinations in New Haven.

15. *Botany.*

Candidates are allowed to divide the examination, first taking any five or more of the whole number of subjects at a regular examination, either in June or September, and then completing it at either of the examinations in the next calendar year. At the first, or preliminary, examination, each candidate must submit a statement from his principal instructor of the subjects which he is authorized to offer. No certificate of partial admission will be given for this examination unless at least five of the above fifteen subjects have been passed satisfactorily.

In his preparation in GEOMETRY, the candidate should, as far as practicable, have suitable exercises in proving simple theorems and in solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt recollection and use of the elementary formulae of mensuration. In TRIGONOMETRY he should be exercised in applying the usual formulae to a variety of simple reductions and transformations, including the solution of trigonometrical equations. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solution of triangles. Finally, in all his calculations, he should study the art of neat and orderly arrangement.

In LATIN, the student should have such continued training in parsing as shall make him thoroughly familiar with declensions and conjugations, and with the leading principles of syntax. To secure these results more effectually, the requirement has been adopted of simple exercises in translating English into Latin. As this course of exercises is designed solely as a preparation for reading, it should be begun at the earliest stage of Latin study. A very large proportion of the defi-

ciencies in the Latin examination for several years past has been due to the neglect of the suggestions of this paragraph, and to the attempt to read a Latin author with totally inadequate grammatical preparation.

In the HISTORY OF ENGLAND, candidates will be expected to be prepared on as much as is contained in the shorter text-books, such as Montgomery's or Ransome's.

The requirements in BOTANY will include a knowledge of the structure and of the principles of classification of flowering plants, together with matters pertaining to fertilization and the dissemination of seeds. Gray's Elements of Botany is recommended as a suitable aid in preparing for the examination. It is desirable that the candidate should have had some experience in the analysis of common flowering plants.

In GERMAN, the following texts will be required for the entrance examinations of both 1895 and 1896:

Sturm's *Immensee;* Andersen's *Bilderbuch ohne Bilder:* Heyse's *La Rabbiata.*

In FRENCH the following texts will be required for the examinations of these same years:

Erckmann-Chatrian's *Le Conscrit*, or G. Sand's *La Petite Fadette.*

The applicant will also be required to translate at sight easy selections from German or French authors, and to have such a knowledge of grammar as will enable him to read intelligently the prescribed texts. This implies familiarity with the declensions of nouns, adjectives, and pronouns, with the conjugation and inflection of verbs, and with the syntax of cases. An ability to translate simple sentences from English into German or French will also be requisite.

In ENGLISH LITERATURE the following works are to be offered by those taking the final examination in 1895 and in 1896:

Byron's Fourth Canto of Childe Harold; Macaulay's Essay on Byron; Hawthorne's House of the Seven Gables; Thackeray's English Humorists; Tennyson's Princess.

All candidates for the classes entering in 1896 and thereafter, will be required to pass on two separate lists, a preliminary and a final, but both lists can be taken at either examination.

The following are the works required for the preliminary examination in 1895 for those entering in 1896:

Coleridge's Ancient Mariner; Scott's Ivanhoe, and Lady of the Lake; Irving's Alhambra; Macaulay's Essay on Clive.

The questions will be constructed with the special view of testing the candidate's familiarity with the subject-matter. Where the literary form of the papers is incorrect, however, a special condition may be imposed.

THE NEW ENGLAND REQUIREMENTS—Candidates will have the option of taking an examination in the following requirements, recommended by the Commission of Colleges in New England*:—

I. READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may be allowed to present an exercise-book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be:

Preliminary Examination in 1895, for the class entering in 1896: Shakespeare's A Midsummer Night's Dream; Defoe's History of the Plague in London; Irving's Tales of a Traveller; Scott's Woodstock; Macaulay's Essay on Milton; Longfellow's Evangeline; George Eliot's Silas Marner.

Preliminary Examination in 1896, for the class entering in 1897: Shakespeare's As You Like It; Defoe's History of the Plague in London; Irving's Tales of a Traveller; Hawthorne's Twice Told Tales: Longfellow's Evangeline; George Eliot's Silas Marner.

Preliminary Examination in 1897, for the class entering in 1898: Milton's Paradise Lost, Books i and ii; Pope's Iliad, Books i and xxii; the Sir Roger de Coverley Papers in the Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's Ancient Mariner; Southey's Life of Nelson; Carlyle's Essay on Burns; Lowell's Vision of Sir Launfal; Hawthorne's The House of the Seven Gables.

II. STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

*NOTE:—No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

The books set for this part of the examination will be:

Final Examination in 1896: Shakespeare's Merchant of Venice; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Webster's First Bunker Hill Oration.

Final Examination in 1897: Shakespeare's Merchant of Venice; Burke's Speech on Conciliation with America; Scott's Marmion; Macaulay's Life of Samuel Johnson.

Final Examination in 1898: Shakespeare's Macbeth; Burke's Speech on Conciliation with America; DeQuincey's The Flight of a Tartar Tribe; Tennyson's The Princess.

The regular examinations for admission in 1895 will be held in New Haven at North Sheffield Hall, on Thursday, Friday, and Saturday, June 27, 28, 29, beginning at 9 A. M. on Thursday.

In 1895, examinations (for the Freshman Class only) will also be held in Albany, N. Y., at the Albany Academy; in Andover, Mass., at Phillips Academy; in Auburn, N. Y., at the High School; in Buffalo, N. Y., at the Buffalo High School; in Chicago, Ill., at the Bryant & Stratton Business College, northeast corner Wabash avenue and Congress street; in Cincinnati, O., at the Hughes High School, 5th street, head of Mound; in Cleveland, O., at the Y. M. C. A. building, corner Prospect and Erie streets; in Columbus, O., at the Columbus Latin School; in Concord, N. H., at St.Paul's School; in Denver, Col., at the East Denver High School; in Dobbs Ferry, N. Y., at the Westminster School; in Easthampton, Mass., at Williston Seminary; in Exeter, N. H., at Phillips Academy; in Groton, Mass., at the Groton School; in Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets; in Knoxville, Tenn., at the University School; in Lakeville, Conn., at the Hotchkiss School; in Lawrenceville, N. J., at the Lawrenceville School; in Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street; in New York City, at the Y. M. C. A. building, 23d st. and 4th av.; in Norwich, Conn., at the Free Academy; in Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street; in Pittsburgh, Pa.,

at Shadyside Academy; in Portland, Oregon, at the Bishop Scott Academy; in Pottstown, Pa., at the Hill School; in San Francisco, Cal., at the Urban School, 2124 California street; in St. Louis, Mo., at the Board of Education building, corner 9th and Locust streets; in St. Paul, Minn., at the High School; in Scranton, Pa., at the School of the Lackawanna; in Southboro, Mass., at St. Mark's School; in Tacoma, Wash., at the Tacoma Academy; in Washington, D. C., in the examination-room of the Civil Service Commission. Candidates who propose to be present elsewhere than in New Haven are requested to send their names to Professor George J. Brush, Director of the School, before June 15. A fee of five dollars, payable at the place of examination, will be charged for admission to the examinations outside of New Haven.

A second examination is held, *in New Haven only*, at the beginning of the college year, on Monday, Tuesday, and Wednesday, September 23, 24, 25, 1895. Candidates for this examination must be present at North Sheffield Hall at 2 P. M. on Monday.

The programmes for these examinations in 1895 will be as follows:

JUNE EXAMINATION

Thursday, June 27

MORNING

[Session begins at 9.00 A. M.]

Latin Exercises,	9.30—10.20
Caesar,	10.25—11.20
Vergil,	11.25—12.30

AFTERNOON

Botany,	3.00— 3.30
German or French,	3.35— 4.35
Plane Geometry,	4.40— 6.00

Friday, June 28

MORNING

Solid and Spherical Geometry,	9.00—10.30
History of the United States,	10.40—11.10
History of England,	11.10—12.00

AFTERNOON

Algebra to Quadratics,	3.00— 4.25
Algebra from Quadratics,	4.30— 6.00

Saturday, June 29

English,	9.00— 9.30
English Literature,	9.30—10.30
Trigonometry and Logarithms,	10.40— 1.00

SEPTEMBER EXAMINATION

Monday, September 23

[Session begins at 2.00 P. M.]

Latin Exercises,	2.30— 3.20
Caesar,	3.25— 4.20
Vergil,	4.25— 5.30

Tuesday, September 24

MORNING

Botany,	9.00— 9.30
German or French,	9.35—10.35
Plane Geometry,	10.40—12.00

AFTERNOON

Solid and Spherical Geometry,	2.30— 4.00
History of the United States,	4.05— 4.35
History of England,	4.40— 5.30

Wednesday, September 25

MORNING

Algebra to Quadratics,	9.00—10.30
Algebra from Quadratics,	10.40—12.10

AFTERNOON

English,	2.00— 2.30
English Literature,	2.30— 3.30
Trigonometry and Logarithms,	3.40— 6.00

In general, examinations for admission to the Freshman Class of the *next* year can be held only in June and September as specified ; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

All candidates for advanced standing, *whether from other colleges or not*, are examined, in addition to the preparatory studies, in the studies already pursued by the class which they wish to enter. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission. No one is admitted as a candidate for a degree, later than at the beginning of the Senior year.

INSTRUCTION FOR UNDERGRADUATE STUDENTS

COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. The first year's work is the same for all; for the other years, the instruction is chiefly arranged in Special Courses. The Courses most distinctly marked out are:

(*a.*) In Chemistry; (*b.*) In Civil Engineering;
(*c.*) In Mechanical Engineering; (*d.*) In Electrical Engineering;
(*e.*) In Agriculture; (*f.*) In Natural History;
(*g.*) In Mineralogy and other studies preparatory to Geology;
(*h.*) In Biology preparatory to Medical studies;
(*i.*) In studies preparatory to Mining and Metallurgy;
(*j.*) In Select studies preparatory to other higher studies.

The arrangement of studies is indicated in the annexed scheme. A fuller statement of the methods and character of the instruction will be found below, pp. 143–158. Unless otherwise specified, the number of hours given means hours per week.

FRESHMAN YEAR: INTRODUCTORY TO ALL THE COURSES

FIRST TERM:—*German*—Whitney's Grammar and Selections from German authors, 3 hrs. *Mathematics*—Plane Analytical Geometry, 3 hrs. *Physics*—Recitations, 2 hrs.; Experimental Lectures, 2 hrs. *English*—Lounsbury's History of the English Language, 2 hrs. *Elementary Drawing*—Practical lessons in the Art School, 3 hrs. *Lectures on the Care of Health.*

SECOND TERM:—*German and Physics*—as stated above. *Chemistry*—Mixter's; Recitations, 2 hrs.; Laboratory Practice, 2 hrs. *Mathematics*—Plane Analytical Geometry, continued; the Derivatives of Algebraic Functions; Fundamental Properties of Equations; Solution of Numerical Equations; 3 hrs. *Drawing*—Principles of Orthographic, Isometric, and Oblique Projection; Intersection and Development of Surfaces; Outlines of Shadows; Shading and Tinting; Elements of Perspective; Examples of various applications of Instrumental Drawing; 3 hrs.

NOTE. The Freshman class is divided, as soon as practicable, into several divisions according to scholarship, and an opportunity to make rapid progress is thus given to the more proficient.

For the Senior and Junior years, the students select for themselves one of the following Courses:

(a.) IN CHEMISTRY:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Recitations, 2 hrs.; Laboratory Practice, 15 hrs.; Blowpipe Practice and Determinative Mineralogy, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Quantitative Analysis and Inorganic Preparations*—Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determination of Species, 3 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Recitations and Lectures, 2 hrs. *General and Theoretical Chemistry*—Recitations, 3 hrs. *Chemical Physiology of Vegetation (Agricultural Chemistry)*—Lectures, 2 hrs. *Quantitative Analysis*—15 hrs. *Geology*—Recitations, 3 hrs. *French*—2 hrs.

SECOND TERM:—*General and Theoretical Chemistry*—Recitations, 3 hrs. *Historical Chemistry*—Lectures, 2 hrs. *Chemistry*—Analytical or Experimental Organic Chemistry, 15 hrs. *Metallurgy, Assaying, and Gas Analysis*, 2 hrs. *Geology*—3 hrs. *Mineralogy*—(optional). *French*—2 hrs.

The Laboratory Practice of the last half of the second term of Senior year may be devoted to such special branches of Analytical,

Inorganic, or Organic Chemistry as the student may desire, or to original investigations in connection with theses.

(b.) IN CIVIL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Surveying*—Field work, 16 hrs. till November. *Drawing*—Descriptive Geometry, 8 hrs. from November. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus with applications to Geometry and Kinetics, 5 hrs. *Drawing*—Descriptive Geometry, concluded; Topographical drawing; Practice in working-drawings; 6 hrs. *Spherical Trigonometry*—4 hrs. *Surveying*—Topographical and Railroad curves, 16 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Field Engineering*—Location of line of Railroad, setting out slope-stakes, calculation of earthwork; Lectures on economic location; Office-work; Henck's Field-Book; first three weeks in September. *Civil Engineering*—Mechanics applied to Engineering; Resistance of Materials; Bridges and Roofs; Stone Cutting with Graphical Problems; 8 hrs. *Geology*—Recitations, 3 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 8 hrs. *French*—2 hrs.

SECOND TERM:—*Civil Engineering*—Bridges and Roofs; Building Materials; Stability of Arches and Walls; Foundations; 6 hrs. *Dynamics*—Principles of Mechanism; Thermodynamics; Steam Engine; 6 hrs. *Hydraulics*—Hydraulics and Hydraulic Motors, 3 hrs. *Drawing*—Designing; Practical Problems; Specifications and Estimates; 12 hrs. *Astronomy*—Practical Astronomy, with field-work; Adjustment of observations; Theory of Least Squares; 6 hrs. *Geology*—3 hrs.

(c.) IN MECHANICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Principles of Mechanism*—Kinematics, 2 hrs. *Drawing*—Descriptive Geometry, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry and Kinetics, 5 hrs. *Principles of Mechanism*—Applied Kinematics; Forms of Teeth of Wheels; Cams; Parallel Motions; Transmission of Power by Belts and Gearing, etc.; 1 hr. *Shop Visiting*—Study of Machine Details and Tools, 3 hrs. *Study of the Steam Engine*—Recitations and Lectures, 1 hr. *Drawing*—Machine Elements and Mechanical Movements, 3 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Applied Mechanics*—Recitations and Lectures; Elasticity and Strength of Materials; Theory of Flexure and Torsion; Strains in Structures; Construction of Roofs and Bridges; 7 hrs. *Machine Designing*—Practical Exercises in Designing Machine-Details and Simple Machines, 7 hrs. *Study of the Steam Engine*—continued; Recitations and Lectures, 2 hrs. *Visits of Inspection*—Examination of Machinery in Operation; Reports of Visits. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs. *French*—2 hrs.

SECOND TERM:—*Applied Mechanics*—continued, 2 hrs. *Hydrostatics and Hydrodynamics*—Theory of Flotation; Flow of Water in Pipes and Channels; Resistance of Ships; Theory of Water-Wheels and Turbines; 2 hrs. *Thermodynamics*—Theory of Heat Engines, 2 hrs. *Study of the Steam Engine and Boiler*—2 hrs. *Machine Designing*—continued; Advanced Exercises in Preparing Designs and Working-Drawings for Machinery; Estimates of Weight and Cost of Machinery; 7 hrs. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs. *French*—2 hrs. *Lithology*—Lectures (optional). *Visits of Inspection and Reports.*

(d.) IN ELECTRICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Theory of Heat*—2 hrs. *Descriptive Geometry*—3 hrs. *Mechanism*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry and Kinetics, 5 hrs. *Theory of Electricity*—2 hrs. *Descriptive Geometry*, followed by *Shop-Visiting*—3 hrs. *Mechanism*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Theory of Observations and Theory of Instruments*—3 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Study of the Steam Engine*—2 hrs. *French*—2 hrs.

SECOND TERM:—*Theory of Electricity*—3 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Thermodynamics*—2 hrs. *French*—2 hrs.

(e.) IN AGRICULTURE:

JUNIOR YEAR:

The course is identical with that in Chemistry, except that in the second term lectures in Crystallography and Descriptive Mineralogy are omitted, and in the Spring half-term Botany is substituted for Determinative Mineralogy.

SENIOR YEAR:

FIRST TERM:—*Agriculture*—Recitations, 2 hrs. *Agricultural Chemistry* (Chemical Physiology of Vegetation)—Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *Meteorology*—Lectures, 2 hrs. *Botany*—Laboratory Practice, 5 hrs. *French*—Recitations, 2 hrs.

SECOND TERM:—*Agriculture*—Recitations or Lectures, 2 hrs. *Agricultural Chemistry*—Lectures, 2 hrs. *Physiology*—Recitations and Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—continued, 2 hrs. *Heredity and Stock-Breeding*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science and Public Health*—Lectures, 2 hrs. during Spring half-term. *French*—2 hrs.

(f.) IN NATURAL HISTORY:

Either Mineralogy, Zoology, or Botany, may be made the principal laboratory study, some attention in each case being directed to the other branches of Natural History.

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Recitations, 2 hrs. Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs. *Botany*—General Morphology and Physiology, 3 hrs.; Laboratory Practice, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Zoology*—Laboratory Practice, 6 to 12 hrs.; Recitations; Excursions (land and marine). *Botany*—Lectures; Laboratory Practice in the identification of Phaenogamous Plants, 2 hrs. *Physiology*—Recitations and Lectures, 2 hrs. *Organic Chemistry*—2 hrs. *Embryology*—Lectures. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Physical Geography*—4 hrs. during Winter half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Lectures, 2 hrs.; Recitations, 4 hrs.; Excursions. *Botany*—Laboratory Practice in the Preparation and Examination of Microscopical Specimens, illustrative of Stem-Structure and of the Anatomy of the higher Cryptogamous Plants, 5 hrs.; Excursions. *Meteorology*—Lectures, 2 hrs. *French*—2 hrs.

SECOND TERM:—*Geology*—Recitations, 3 hrs. *Anatomy of Vertebrates*—Huxley's, 2 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Recitations, 4 hrs.; Lectures, 2 hrs. *Botany*—Herbarium Studies, especially in the Cryptogamous Orders; Botanical Literature; Essays in Descriptive Botany. *Sanitary Science*, *Laws of Heredity*, and *Principles of Breeding*—Lectures. *French*—2 hrs.

Besides the regular course of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught in the laboratories to prepare, arrange, and identify collections, to make dissections, to pursue investigations, and when sufficiently advanced, to describe genera and species in the language of science. For these purposes, large collections in Zoology belonging to the University are available, as are also the private botanical collections of Professor Eaton.

(g.) IN MINERALOGY AND OTHER STUDIES PREPARATORY TO GEOLOGY:

JUNIOR YEAR:

FIRST TERM:—*Qualitative Chemical Analysis*—Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, Laboratory Practice, 4 hrs. *Physical Geography*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM: *Quantitative Chemical Analysis*—Recitations, 2 hrs., Laboratory Practice, 15 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, Laboratory Practice, 4 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Physical Geography*, for which *Botany* is substituted during the latter half of the term—2 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Crystallography*, including the use of the Goniometer and the measurement, drawing, and calculation of Crystals—Lectures or Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Advanced Course in Descriptive Mineralogy*—Lectures, 1 hr. *Determinative Mineralogy*. *Geology*—Recitations, 3 hrs.; Geological Excursions. *Zoology*—Lectures, 2 hrs. *French*—2 hrs.

SECOND TERM:—*Optical Properties of Crystals* followed by *Petrography*, including the use of the Polarizing Microscope—Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Descriptive Mineralogy*, continued—1 hr. *Determinative Mineralogy*, continued. *Geology*, continued—3 hrs. *Zoology*, continued—2 hrs. *French*—2 hrs.

Only a limited number will be admitted to this course.

(h.) IN BIOLOGY PREPARATORY TO MEDICAL STUDIES:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Practice and Determinative Mineralogy, 4 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Comparative Anatomy and General Biology*—Laboratory Practice, 18 hrs; Lectures and Recitations, 1 hr.; *Physiology*—Huxley's; Recitations, 2 hrs. *Embryology*—8 Lectures during the term. *Organic Chemistry* — continued, 2 hrs. *Mineralogy* — continued through Winter half-term, 4 hrs. *Botany*—Laboratory Practice in the identification of Phaenogamous plants, 5 hrs. during Spring half-term; Excursions. *Exercises in English Composition*—1 hr. *French*—3 hrs. *German*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Physiological Chemistry and Physiology*—Recitations and Lectures, 3 hrs.; Laboratory Practice, 13 hrs. *Organic Chemistry*—Lectures and recitations, 2 hrs. *Zoology*—Lectures, 2 hrs. *Botany*—

Laboratory Practice in the Preparation and Examination of Microscopical Specimens, illustrative of Stem-structure, and of the Anatomy of the higher Cryptogamous Plants, 5 hrs. *Chemical Physiology of Vegetation*—Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *French*—2 hrs.

SECOND TERM:—*Physiological Chemistry, Physiology, and Experimental Toxicology*—Illustrative Lectures, Recitations, and Laboratory Practice, 27 hrs. *Theoretical Chemistry*—2 hrs. during Winter half-term. *Geology*—Recitations, 3 hrs. *Zoology*—continued, 2 hrs. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Laws of Heredity and Principles of Breeding*—Lectures, 2 hrs. during Winter half-term. *French*—2 hrs.

(i.) IN STUDIES PREPARATORY TO MINING AND METALLURGY:

Young men desiring to become Mining Engineers can pursue the regular Course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of Metallurgical Chemistry, Mineralogy, etc.

(j.) IN SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES:

JUNIOR YEAR:

FIRST TERM:—*Physical Geography*—Recitations from Warren, and Lectures, 4 hrs. *English*—Early English, 2 hrs. *History*—Myers' Mediæval and Modern History, 4 hrs. *French*—3 hrs. *German*—3 hrs.

SECOND TERM:—*Botany*—Lectures; Laboratory Practice in the identification of Phaenogamous Plants, 2 hrs. during Spring half-term. *Astronomy*—4 hrs. during Winter half-term. *English*—Chaucer, Bacon, Shakespeare, 3 hrs. *History*—Myers' History, continued; Gardiner's Students' History of England, 2 hrs. during Winter half-term, 4 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *English*—Shakespeare, 3 hrs. *Meteorology*—Lectures, 2 hrs. *Political Science*—5 hrs. *French*—2 hrs.

SECOND TERM:—*Geology*—continued, 3 hrs. *Heredity*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Political Economy*—Recitations, Exercises, and Lectures, 4 hrs. during Winter half-term, 5 hrs. during Spring half-term. *Constitutional History of the United States*—2 hrs. during Winter half-term. *English*—Shakespeare, Milton, Dryden, Pope, Gray, and later authors, 3 hrs. *French*—2 hrs.

Lectures and instruction in Military Science are annually given to the Senior class by the Professor of Military Science and Tactics.

The following account of the various subjects specified in the above scheme will explain the character and aim of the instruction.

ELEMENTARY CHEMISTRY—The exercises in Elementary Chemistry consist in recitations from a text-book, and experiments by the students in the laboratory to illustrate statements in the book. The object of the laboratory work is to facilitate the study of the subject, and to train the students in manipulation and in the observation of chemical phenomena. Notes are required, and students are questioned on the experiments.

ANALYTICAL CHEMISTRY—*Qualitative and Quantitative*—This study is intended to serve two purposes. Analytical Chemistry is used by the advanced student as a means of investigation in scientific or technical researches. The beginner, however, derives from its study advantages of another kind. The knowledge of the properties of chemical compounds, the familiarity with chemical reactions gained by experience in the laboratory, and the development of the reasoning faculties by the application of this knowledge in analytical processes, enable the student to generalize and classify chemical phenomena, and aid him to understand the more abstract theories of chemical philosophy. The method of instruction adopted conforms to this view of the uses of the study. Text-books are used and recitations are required, but the more important part of both study and instruction is performed in the laboratory. In order to solve the problems which are there constantly presented, the student, aided by books and instructors, must learn both principles and their applications. The student, throughout his course in Analytical Chemistry, spends three consecutive hours in laboratory work during five days of the week. The laboratory, however, is kept

open seven hours daily for the benefit of graduate students and others who desire to devote more time to this study.

Qualitative Analysis forms a part of the courses in Chemistry, Biology, Agriculture, and Natural History. Quantitative Analysis is one of the more important studies of the Senior year in the Chemical Course. It is also included to some extent in the Agricultural Course.

GENERAL AND THEORETICAL CHEMISTRY—This subject occupies three hours a week during the whole of the Senior year in the Course in Chemistry. Mendeléeff's Principles of Chemistry is used as a text-book, and regular recitation work is supplemented, as occasion demands, by oral instruction. The course is designed to present to the student such a general view of the science of Chemistry as will enable him to appreciate the investigations which are being carried on at the present time in its various departments, and will also give him a knowledge of the fundamental principles involved in the chemical processes used in the arts.

ORGANIC CHEMISTRY—The course in Organic Chemistry is a combination of text-book work with experimental lectures. The class has two exercises weekly from the commencement of Junior year. to the end of the first half of the second term of Senior year. Laboratory work in this department of Chemistry is required during the first half of the second term of the Senior year.

Opportunity is also afforded for the carrying on of original investigations in this subject, either in connection with theses, or as a part of the regular work in the case of advanced students.

PHYSIOLOGY—Elementary Physiology is taught by text-book recitations and demonstrations, being designed especially for Junior students in the Biological course. In Senior year, particular attention is paid to the physiology of digestion and nutrition in connection with the study of Physiological Chemistry. Opportunity is likewise afforded for experimental work in certain lines of pure Physiology.

PHYSIOLOGICAL CHEMISTRY and EXPERIMENTAL TOXICOLOGY—Physiological Chemistry is taught by laboratory exercises, illustrative lectures, and recitations. Each student is provided with a suitable working place in the laboratory, well equipped with all needed apparatus and material. The regular course of work, designed especially for Senior students in the Biological Course, extends through one year and embraces a thorough study of the chemical composition of the various tissues and fluids of the body, together with a study of the chemical and physiological processes of respiration, digestion, secretion, excretion and nutrition in general.

Beginning with a study of the albuminous bodies, the experimental work extends through the epithelial, connective, contractile, and nerve tissues. Proceeding then to digestion, the various digestive fluids are studied, artificial digestions are made, and the several products of digestive action isolated and studied. The blood and urine are next considered, and students are taught to make both qualitative and quantitative analyses of the latter and to identify abnormal constituents. A portion of one term is also devoted to a study of the chemical reactions of the more important mineral and organic poisons, and their physiological action is determined experimentally. Students are also taught how to separate poisons from organic tissues and fluids, and to identify them, both by chemical and physiological reaction. During the latter half of the second term, Senior year, opportunity is afforded for the carrying on of original investigations on some selected subject in either physiological chemistry or toxicology, in connection with the preparation of graduating theses. This course of work is particularly recommended to students intending to enter upon a course of medical studies.

COMPARATIVE ANATOMY and GENERAL BIOLOGY are taught by laboratory work, lectures, and frequent examinations. The regular course of instruction, intended especially for Juniors in the Biological Course, extends through the second term, and is designed to give the student the mental and manual training in the methods of investigation by which the facts and principles of these sciences have been established, and at the same time to give him a sufficient knowledge of their elements to enable him to pursue with profit the more special studies which follow.

The course begins with the general anatomy of the vertebrate type, in connection with the study of Elementary Physiology. Dissections of the frog and mammal are made under the immediate supervision of the instructor, and the student is required to make careful sketches and records of his work, which is supplemented by demonstrations and informal lectures. Some of the simpler forms of plants and animals are next studied microscopically, the methods of microscopical investigation taught, and the general facts of cell-structure illustrated. The histology of the higher animals is then studied in more detail, microscopical preparations of the principal tissues and organs are made and examined, the general principles of the morphology of the tissues are illustrated, and the student is specially drilled in distinguishing the different tissues under the microscope. Near the end of the term, instruction in embryology, with special reference to human morphology, is given by a short course of lectures and demonstrations.

GEOLOGY — The course in Geology includes recitations and oral instruction, extending through the year. During the first half-year, the recitations are attended by the entire Senior class, except those in the courses in Mechanical and Electrical Engineering. This part of the course includes Physical, Lithological, and Dynamical Geology. These subjects are illustrated by diagrams and specimens.

The last half-term of the year is devoted to Historical Geology and Palaeontology. This part of the course is pursued by all the Seniors except those in the engineering courses. Suitable collections of fossils are used to illustrate the subject.

Opportunities are afforded for optional geological excursions during the warmer months.

MINERALOGY—The instruction in Mineralogy is carried on by means of practical work in a laboratory especially fitted up for the purpose, and is intended to familiarize the student with the common minerals, attention being devoted especially to those which are of economic, geological, or scientific importance. To understand better the chemistry of the subject, the student is first made familiar with the simple chemical and blowpipe reactions useful in testing minerals, and applies this knowledge later to the determination of unknown species. The students have access to a labeled collection, where they can study the properties of the minerals and make comparisons, and also to extensive unlabeled collections, arranged especially to give them practice and facility in the correct identification of minerals. In addition to the laboratory work, instruction is given in Crystallography, illustrated by a collection of models and natural crystals. The lectures in Descriptive Mineralogy to the more advanced students are illustrated by means of the extensive private collection of Professor Brush. The laboratory is provided with apparatus for the thorough chemical and physical investigation of minerals and with an extensive library to which students have access. The laboratory is open seven hours each day to accommodate any who desire to devote more time to the subject than is laid out in any of the prescribed courses.

LITHOLOGY—Elementary lectures with special application to economic uses and properties of rocks. For more advanced work see under courses of Graduate instruction.

ZOOLOGY—The instruction in Zoology includes a course of lectures on Systematic Zoology, Morphology, and Embryology. These lectures are generally given twice a week, and continue during about half the year. The students are required to keep careful notes of the lectures.

Students in the Natural History Course are also required to pursue a course of laboratory instruction during the second term of the Junior and all of the Senior year. This generally occupies from two to four hours a day on four days of each week. It includes dissections of various classes and orders of animals, with microscopic studies of the finer structures and of minute animal forms, as well as work in Systematic Zoology.

Special courses of recitations or lectures on particular subjects are also given when desirable.

BOTANY—During Junior year botanical instruction is restricted to the sections in Biology, Natural History, Agriculture, and Selected Studies, and is intended to enable the student to recognize the chief natural orders of native plants, with the ability to identify the common species. The class meets two or three times a week in spring and summer, and is practiced in identifying plants, using Gray's Manual as a standard, and employing the ordinary simple dissecting microscope. At this point the instruction for the Select Course ceases; in the next fall term the work for the courses in Biology, Natural History, and Agriculture is entirely practical, books being used only for reference. Students begin with cutting thin sections of some common woody and herbaceous stems, and are shown how to prepare such sections for examination and for permanent preservation as microscopic objects. After acquiring some facility in microscopic manipulation, various parts of flowering plants are brought in for dissection and examination, and towards the close of the term some attention is given to ferns, mosses, and algae. This finishes the course for ordinary students; for those who may desire to prosecute the science professionally, the work is arranged to suit individual requirements, whether it be in the direction of Morphology, Physiology, or Systematic Botany as applied to either flowering plants, or the cryptogamous orders.

THE CHEMICAL PHYSIOLOGY OF VEGETATION, with special reference to the Composition, Vital Processes, and Uses of commonly cultivated Plants, is the subject of a course of Lectures (two weekly) during the Fall Term.

This course is preliminary to Lectures on "Agricultural Chemistry." Attendance is required of Seniors in Agriculture, Chemistry, and Biology.

AGRICULTURE—The special instruction in the science of Agriculture is by recitations and lectures, with such aids and appliances as are suited to the class-room and laboratory. Besides Analytical and Agri-

cultural Chemistry, it includes a discussion of the cultivation of the staple field crops of the country; theories of rural economy and systems of husbandry; the laws of heredity, and principles of stock-breeding; Botany, Mycology and the diseases of plants, and Zoology. Opportunity is afforded also for the study of insects injurious to crops.

AGRICULTURAL CHEMISTRY—Lectures are given during the second term on the Atmosphere, Water, and the Soil as related to Agriculture, Crop Production, the Theory and Practice of Tillage and the use of Fertilizers, and the Chemistry of the Dairy and of Cattle Feeding.

SANITARY SCIENCE—The lectures on this subject discuss the natural laws which govern the public health; their relation to the social habits and condition of communities; instruction in the use of mortuary statistics; the germ-theory of disease and theory of disinfectants; epidemics and pestilence, with their relations to the prosperity of a community, and methods of control; the hygiene of private dwellings and public buildings; the relations of the water-supply to public health; sewerage; legislation relating to public health and methods of official sanitary administration.

HEREDITY—A course of twenty lectures is given during the second term of Senior year on the principles of Heredity, and their applications to stock-breeding, to medicine and hygiene, and to the investigation of certain sociological problems.

METEOROLOGY—Two lectures per week during the first term, embracing the physics of the atmosphere, the science of Meteorology, and the methods of weather-prediction used in the weather signal service.

PHYSICAL GEOGRAPHY—This subject occupies four hours per week in the Select Course, during the first term of Junior year, and includes the elements of Dynamical Geology. Warren's Physical Geography is used as a text book, the recitations being supplemented by lectures and illustrated by means of maps, relief maps, models, and photographs.

MATHEMATICS—The Mathematical studies of the Freshman year are pursued by all members of the class; those of the Junior year, by students in the engineering courses, and properly qualified special students who may choose them.

PHYSICS—The object of the experimental lectures is not only to elucidate the subjects treated in the text-books employed, but also to extend the treatment of such subjects, and to introduce others where

thought desirable. A considerable portion of the work of the year is the preparation for recitation on matter thus presented.

The facilities of the Physical Laboratory are extended to such graduate students and Seniors as may desire them.

Course in Advanced Physics—A course of two lectures per week, beginning in January, is supplemented by laboratory work. The earlier portion of the time is devoted to the theory of observation and the method of least squares. The course is optional to all who have a command of the calculus.

MILITARY SCIENCE AND TACTICS—Instruction in this course is obligatory upon the whole Senior class in all departments. The work is carried on chiefly by lectures, upon which satisfactory notes must be submitted. Such topics as the following are discussed: military economy; the American military problem; organization and reorganization; modern war on field and map; statistics and logistics; the combined use of "the three arms;" strategy and campaigning; orders of battle and grand tactics; special operations of war and field service; minor tactics and the art of war; use of cavalry in campaign and battle; use of artillery; use of infantry; and the Turko-Russian war. The course will terminate with an examination, and a special military certificate is awarded, by the Regular Army officer in charge of the department, to such students as attain a sufficient degree of proficiency, and give evidence of military aptitude. In connection with this course a brief original paper is required.

When a sufficient number of students desire it, practical instruction in drill in the School of the Soldier and School of the Company will be given. The names of the three most distinguished students in this department must be sent to the Adjutant General of the Army for publication in the Army Register, and also be sent to the Adjutant General of the State to which each student belongs.

CIVIL ENGINEERING—The object of this course is to give, first of all, a thorough preparation in the principles of the various sciences involved, and afterwards, as extensive practice in the application of these principles as the time at disposal, the ability of the students, and the facilities and plant permit.

Under the first head are included such subjects as Mathematics, Physics, Mechanics, Thermodynamics, Astronomy, Geology, Mineralogy, Chemistry, and Botany; and under the second head, Drawing, Surveying, Strength and Properties of Materials, and Design and Construction of various kinds, such as Bridges, Roofs, Foundations, Arches, Retaining Walls, Dams, Water Works, Railroads, Improvement of Rivers and Harbors, Sewerage and Drainage, Water Motors, etc.

The first division includes Civil Engineering as a Science, the other, Civil Engineering as an Art. The ground covered by the first is definite, and the instruction is made as thorough as possible. The ground covered by the second is of almost indefinite extent. Here, by a careful selection of practical examples, such as occur in engineering practice, the application of principles is illustrated, and together with the analytical or algebraic methods, the student is also instructed in practical graphic solutions, wherever such solutions present a special value. Much time is devoted to geodetic operations and to surveying in the field. Instruction is given in the practical operations connected with the reconnaissance, location, and surveys of roads, canals, and railroads, such as setting out, cross-sectioning, setting grade stakes, calculation of earthwork, etc. The practical instruction in the Field-Work of the Senior year takes place in September, not less than three weeks before the beginning of the Fall Term. This instruction for the year 1895 begins Monday, September 2d. Thorough instruction is also given in drawing and design, the construction of working-drawings, and principles of designing as applied to bridges, roofs, etc.

The method of teaching is by means of practical exercises, lectures, and recitations, so combined as to develop as far as possible the mental powers of the student. Visits of inspection are made at suitable intervals to private and public works of engineering interest.

The entire course requires five years, three years of undergraduate and two of graduate instruction; and a thesis of merit upon some approved subject, accompanied by designs and estimates, is required upon the completion of the course. Examinations are also held at the end of every term and year.

In what follows, such details are given as may be of interest to those who contemplate taking the course.

Mathematics—5 hours weekly, Junior year. See Synopsis of course.

French and German—Students in this course take in the Junior year the regular studies of the Junior class in both German and French. French is continued to the end of Senior year.

Drawing and Descriptive Geometry—Drawing is begun at once in the first term of Freshman year, under the charge of the Professor of Drawing in the Art School, and includes practice in free-hand drawing. In the second term, under the Instructor in Instrumental Drawing, the students take isometric drawing with application to drawing from models and structures by measurements, shading, tinting, conventional use of colors, principles of orthographic projections, and practice in making simple working-drawings, 4 hours both terms.

The Drawing of Junior year, 3 hours both terms, includes Descriptive Geometry, the drawing of structures from measurement, and elements of design for simple structures. The instruction is by recitations,

lectures, practical exercises, and models, and is under the charge of the Instructor in Instrumental Drawing and the Professor and Instructor in Civil Engineering. Included in the work of this year is also the mapping of surveying field-notes.

In Senior year, the drawing consists of the mapping of the surveys of that year, and the designing of structures and finished drawings, designs, and estimates, under the charge of the Professor and Instructor in Civil Engineering, 6 hours both terms.

Surveying and Field Engineering—The instruction in the field occupies about 20 hours for six or more weeks in both terms of Junior year. The exercises at these times are so arranged as to secure as much consecutive time as possible in the field. The work of the Junior year includes the use and adjustment of instruments; practice surveys; recitations and lectures upon surveying operations and methods of keeping field-notes. Levels are run, surveys made, plotted, and checked; blue-print copies of drawings made, the use of compass, level, and transit acquired. In the second term of Junior year, land and topographical surveys are made and railroad curves run.

In the three weeks before the beginning of the first term of Senior year, a line of railroad is located and set out from a contour map previously obtained, grades and curves established and set out, and computations made. The theory of economic location is taught by lectures and recitations in connection with the field-work. The work is arranged so that each student has sufficient practice in all the various operations. The text-books used are Gillespie and Johnson's works, Henck's Field Book, Gore's Elements of Geodesy, and Merriman's Theory of Least Squares. The course is under the charge of the Instructor in Civil Engineering, aided by several assistants.

Mechanics of Engineering—Senior year, 6 to 8 hours, both terms. The method of instruction is by means of text-books in connection with lectures and solutions of practical problems in illustration of the various topics. The course includes thorough instruction in the strength of materials, the stability of foundations, retaining walls, dams and embankments, and masonry arches, by lectures and graphic methods. Questions of hydraulics, water-supply, the measurement of discharge, and the theory and construction of water-motors receive attention.

Construction and Design—Senior year, 6 hours both terms. A thorough course is given in the determination of stresses and the detailed design of roofs, bridges, etc., with working-drawings, specifications, and estimates. Visits of inspection are made, and recitations and lectures held in connection with the work in the drawing room.

Astronomy—This course occupies 6 hours during the second term of Senior year, and includes practical work and the use of the sextant and transit in determining time, latitude, and azimuth.

Geology—This course occupies 3 hours up to the middle of the second term of Senior year.

Mineralogy—This course, under the Professor of Mineralogy, occupies three hours up to the middle of the second term in Senior year.

A course of lectures on the theory of electricity and its applications, by the Professor of Physics, is open to students in this department, and can be taken as a part of the preparation for a graduate course in the higher branches of electrical science.

MILITARY ENGINEERING—The object aimed at is to disseminate military information, and to awaken interest in the application of the arts of peace to those of possible war. In connection with the courses of Civil Engineering and Military science, lectures will be given upon such topics as: systems of fortification; sea-coast defenses; hasty intrenchments; passage of rivers and military bridges; military reconnaissance, and instruments; battlefield telemetry and methods; sea-coast range-finding, and ship-tracking devices; gunpowder and ballistic machines; high explosives and demolitions; gun metals, modern ordnance, and gunnery; armor plates, turrets, projectiles and fuses, torpedoes, submarine mines, military electric installation, and countermining.

MECHANICAL ENGINEERING—The objects aimed at in the plan of instruction in this course are, to give to the student a thorough training in elementary and advanced Mathematics and Physics, and their application to the science of Construction; to make him familiar with the general principles of Engineering and with the practical details of mechanical construction through which these principles are made useful; and to enable him ultimately, in beginning the work of his profession, to bring to bear upon it a well balanced store of theoretical and practical knowledge, and a mind trained in correct habits of thought and work.

The complete course covers five years, three of which are spent in undergraduate study, and two in a graduate course, a portion of which may be given to actual practical work. The subjects and methods of instruction in the undergraduate course are as follows:—

Mathematics—See synopsis, page 137.

French and German—Students take in the Junior year the regular studies of the Junior class in both French and German. French is continued to the end of Senior year.

Shop-Visiting divides the time equally with Drawing in the Junior year until the spring recess. The student, accompanied by the instructor, is employed in studying machinery in use and in process of construction in different machine-shops in the city. He is required to make satisfactory, carefully dimensioned sketches, from measurements taken

by himself, of the complete machines and their parts, and to describe the tools and mechanical operations used in producing the simpler pieces.

Drawing—Descriptive Geometry is taught in the drawing room by lectures and recitations, and by exercises at the drawing board, where the problems are solved graphically by the student. Instruction in drawing Machine Elements is given in the Junior year. Models and cartoons showing examples of approved practice are used by the instructor, who also gives personal attention to each student's work at the board as it progresses.

Principles of Mechanism—This is a course in theoretical and applied Kinematics. Instruction is by text-books and lectures, illustrated by diagrams and models, an extensive collection of which belongs to the School and is accessible to the student.

Steam Engine—Recitations and lectures in this subject begin in the Junior year, after the spring recess. They relate to the structural details of engines and to the mechanical principles involved in their working. The subject is continued in the Senior year, when particular attention is directed to various kinds of valve-gear, the governor, the flywheel, balancing, and the effect of the weight of the reciprocating parts. In the second term of Senior year, the study of steam boilers follows that of engines.

Indicator Practice—In the Senior year, the student is afforded opportunities to apply the indicator to various engines in operation, and has practice in reading indicator cards and measuring them by the planimeter. He is taught to detect such defects in the engine as are shown by the cards.

Applied Mechanics—In this course lectures, recitations, and exercises in the solution of practical problems, relate to the topics specified under this head in the scheme on page 138.

Thermodynamics—Recitations and lectures on the mechanical theory of heat and its application to hot-air engines, gas engines, and the steam engine.

Machine Design—The course in this subject consists chiefly in practical exercises at the drawing board, and partly in lectures on the functions of machines and the mechanical principles which are applied in determining the proportions of machinery. The student, under the guidance of an experienced instructor, is employed in making complete working-drawings of machines, many examples of which are in the drawing rooms and the basements of the school. He does not copy the examples, but is required to change the dimensions and in many cases to alter the design, and is ultimately taught to make partly new designs of important machinery, such as cranes, yacht engines, machine tools, boilers, etc. The discipline the student receives is such as he would obtain in the drawing office of an engineering estab-

lishment, while he is also carefully instructed in the theory of the subject he deals with, and in the practical bearing of all his work.

In the Senior year, several excursions are made by the class, accompanied by one or more instructors, to neighboring manufacturing and engineering centers where large manufactories, pumping works, ocean steamers, etc., are visited. Full notes must be taken, and a satisfactory written report upon the machinery examined is required.

ASTRONOMY—Students in the Select Course receive instruction in Astronomy four hours per week during the second term of Junior year.

Students of Civil Engineering during the second term of their Senior year have six recitations per week, and also practical experience in the determination of time, azimuth, latitude, longitude, etc.

ENGLISH—The course is designed to give the student acquaintance with the great representative writers of the various epochs. A history of the language is one of the studies of the Freshman year; and after that year the study of the language is made entirely subordinate to that of the literature. During the first term of Junior year, however, extracts from Early English authors are read, and Early English Grammar is studied, so as to familiarize the student with the inflections then in use and the distinctions existing between the leading dialects. It is the aim of this term's work to give such knowledge of forms, and to some extent of words, that the student will be able to read at sight any Early English author whose writings do not involve special difficulties of language or vocabulary.

With the second term, the regular study of English literature proper begins with Chaucer; and for the rest of the course till the end of Senior year the following authors are read: Bacon, Shakespeare, Milton, Dryden, Pope, Gray, Goldsmith, and later writers. Those mentioned in the list are always studied, but other authors not named are also taken up, the course varying somewhat in different years. In all cases, complete works of a writer are studied, not extracts; as, for instance, several of Chaucer's Tales, and several of the plays of Shakespeare. The authors are taken up in chronological order, and the literary history of the time is likewise carried on in connection with the great representative writers of each period.

ENGLISH COMPOSITION—This course, required of the entire Junior class, consists of weekly exercises based on selections from the writings of well-known authors, such as Irving, DeQuincey, and Macaulay. While it intends in the first place to give freedom of expression and the correction of the most obvious faults by practice in writing rapidly the substance of a passage previously assigned, it also aims to direct

the attention of the student to qualities of style and methods of composition, to arouse his appreciative interest in the works as literature, and to improve the quality of his writing by improving the quality of his thought. To this end occasional discussions of the selections read will occupy a part of the weekly hour.

GERMAN—The aim in this department is to give such a knowledge of facts and principles as shall qualify the student as rapidly as possible to use the language for those various purposes which his special needs may require, and particularly to facilitate the use of German treatises in his later special studies. To accomplish this, the course consists of the combination of the study of systematic German grammar with a complementary and progressive course of written and oral translation from English into German, the latter being designed for the double purpose of increasing the command of grammatical principles, and through the establishment of a habit of ready and accurate expression, of laying the foundation for future colloquial use of the language. In connection with the foregoing, it is attempted to introduce the student to as many different styles and as many forms of composition as the time allows. For this purpose the reading matter is in general selected from readers and collections prepared for the use of schools in Germany, and characterized by the number and variety of their extracts, thus enabling the instructor to select pieces that illustrate one another and to avoid similar lines of reading with successive classes. Special attention is paid during a portion of the course to English affinities, to analogies in the formation of English and German abstract terms, to the commoner rhetorical resemblances and differences, to the details of arrangement in German sentences, and the development of secondary from primary significations of words.

The subjects of derivation and composition are also systematically studied, both with reference to their practical bearing on the acquisition of a vocabulary, and their scientific value in illustrating the growth of language.

In view of the shortness of the course there is no attempt to secure any considerable acquaintance with German literature. A body of representative pieces of lyric poetry, however, is made the basis of careful literary study, with special attention to poetic diction and variety of metrical form. Memorizing German poems is practiced to some extent as a class exercise, as also retranslation of dictated literal versions of simple pieces into German verse, in accordance with prescribed rhythm and sequence of rhyme.

At the beginning of the Junior year an advanced division is organized, which is thus enabled to read a much larger amount of matter and to pursue more critical methods. The attention of this division is

sometimes given for a few months to extracts treating of leading events in German history, with a collateral course of German historical poetry, the selections being made so as to be mutually illustrative. Historical poems not contained in the text-books are often furnished by dictation.

During the last few weeks of the course, there is an attempt to initiate the student into the art of rapid and intelligent, though uncritical reading, dispensing largely with dictionary and grammar and aiming to form independent habits of observation and induction. For this purpose recourse is had to entertaining novels.

In general, it is the endeavor, while aiming primarily and constantly at acquiring a working knowledge of contemporary German, to combine habitually scientific and empirical methods, to enforce correct notions as to the nature of language, to secure incidentally some of the most important disciplinary results of elementary linguistic study, and to give some conception, by suggestive questions and occasional statements, of the various special directions which a more extended and advanced course would necessarily take.

The time allotted to the subject is three hours a week during the Freshman and Junior years.

Regular text-books: Whitney's German Grammar; Whitney's German Dictionary; Ahn's Exercises, or Eysenbach's German Exercises.

FRENCH—The aim of the study in this department of modern languages is to give a fluency in reading which will enable the student to master the modern writers with comparative ease, and a speaking acquaintance as great as is possible in the time allotted. Speed is not the only end aimed at. No place is given to the superficial system which results in the student's possessing a smattering of French phrases and a few idioms, to the exclusion and sacrifice of any real grasp of the subject. It is considered that thoroughness of work, and the training of the powers of thought, as well as those of memory, are as much requisites in this branch of education as in any other. The beginning of the course is devoted to grammatical grounding and correctness of pronunciation, and the first term of each year is spent in learning and reviewing the grammar. On this basis, by means of easy conversational exercises, the student is expected and encouraged to frame sentences, deriving his vocabulary from the exercises and books he is reading in the class. A certain portion of the course is given to French composition and the construction of the sentence. Simple prose is then taken up, followed by the more advanced forms. From the start the subject of the history and evolution of the language is begun. Great emphasis is laid on the etymology, the various changes of form, and a more thorough study of the syntactical theory, as the course proceeds. Special stress is thus laid on the scientific side of the

language, its historical development, the relations of French and Latin, and the laws of derivation. As far as is possible without interfering with the value of the recitations, short descriptions are given of the social conditions of past and present French life, and of the state of modern politics, constant reference being made to the intimate connection of literature and history. Lectures are given treating critically of the growth of French literature, particular attention being paid to the authors read in the class-room, the masterpieces of the classical and later periods being treated separately and comparatively. A different cycle of texts is used from year to year, so that only a general outline of the works read can be stated. As far as possible, specimens of the best prose and poetry will be included; the classical and contemporary drama: Corneille, Racine, Molière, George Sand, the Romantic School, Daudet, and the lighter plays of the modern French stage, are used; and the beauties of style, the spirit of the language, and the idiomatic expressions are pointed out.

The later part of the course treats of the following topics:

I. The History of the Language, based on Brachet, Brunot, and Clédat, with references to Ampère, Littré, and Pellissier.

II. The Rise and Development of the Drama, with discussion of its French Form.

III. The Classical Period.

IV. A General Survey of French Literature (by text-book).

Opportunities for special work or for advanced courses in reading will be furnished, should occasion arise.

HISTORY—The greater part of the work is carried on by means of recitations. Myers' Mediaeval and Modern History and Gardiner's Students' History of England are used as text-books. Both oral and written recitations are employed, and frequent lectures are given on different questions of interest and importance. Bi-weekly or monthly tests are given as the importance of the subject-matter may warrant.

In the Mediaeval Period special attention is given to the growth of civilization and to the development of the religious, intellectual, political, and economic forces which culminated in the Reformation and ushered in the Modern Period.

In Modern History special study is given to the political history of Europe as an introductory study to the present European situation. That portion of English History is studied which is most intimately connected with United States History, the causes which led to the separation of the two countries being specially discussed.

The students are encouraged to pursue independent courses of reading, and references are given to works in the University Library. There is also a small historical library in the recitation-room from

which the students may draw books. Constant use is made of historical maps in connection with recitations and lectures.

POLITICAL SCIENCE—The course in history serves as a preparation for the course in Political Science. The subject is treated historically and comparatively. Professor Woodrow Wilson's The State, which is used as a text-book, is supplemented by lectures and collateral reading. The object constantly kept in view is to lead the student through the study of other forms of government to a broad and intelligent knowledge of the Constitution of the United States.

POLITICAL ECONOMY—In the beginning of the course, an effort is made to familiarize the students with the fundamental principles of Economics, and more particularly to train them in economic reasoning. More difficult problems are then taken up and discussed, and special topics are assigned to the class for investigation. A small library, containing a number of copies of each of the principal authorities, has been provided, in order that the students may be able to familiarize themselves somewhat with the literature of the subject, without expense to themselves. The instruction is given partly by means of text-books and partly by lectures.

THE TERMS AND VACATIONS correspond with those of the College. (See calendar, p. 6.)

EXPENSES—THE TREASURER'S BILLS are made out and delivered to the students three times a year, viz: at the beginning of each term or half-term, at which time they are payable. Drafts on Boston, New York, and Philadelphia are received at par. The annual charge for tuition for undergraduate students is $150. An additional charge of $5 for each term or half-term is made for incidentals, including the use of libraries, public rooms, gymnasium, and reading room. The student in the Chemical and Biological Courses has an additional charge of $15 per term, or half-term, for chemicals and the use of apparatus in the chemical laboratories. He also supplies himself at his own expense with flasks, crucibles, etc., the cost of which should not exceed $10 a term.

For graduate students the charge for tuition is one hundred dollars per year.

THE FEE FOR GRADUATION in the case of BACHELORS of PHILOSOPHY is ten dollars, unless the person taking the degree is also a graduate of the College, when the fee is but five dollars.

LIBRARIES AND READING-ROOMS

The Library of the University, containing over 170,000 volumes, is open every week-day to students for consultation and for the drawing of books; in a separate part of the building is the Linonian and Brothers Library, a collection of over 30,000 volumes in general literature, specially selected for the use of undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening. There is also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

The special technical library of the Scientific School consists of about five thousand volumes, including the Hillhouse Mathematical Library.

There is also a special chemical library, in which the principal chemical journals and periodicals, both of this country and of Europe, may be found; and a small library of History and Political Science is located in one of the class-rooms for the convenience of students pursuing these subjects.

GYMNASIUM

THE UNIVERSITY GYMNASIUM is designed to provide all the students with opportunities for exercise, under the advice of a Director, who is a regularly educated physician, and any student may enter the class of general gymnastics, under the Director's immediate care. The building contains: a complete Turkish bath, marble swimming pool, marble tubs, bowling alleys, rowing-tanks, free showers, separate rooms for boxing, fencing,

wrestling, and manly sports, a locker room, and the main exercise-hall, which offers a clear floor-space of 10,000 square feet, and is from 22 to 56 feet in height. A thorough physical examination and measurement of each student is made yearly by the Director, and a record of these results is kept as a basis of advice as to exercise and regimen; an examination of this record shows that the standard of health of the average student improves during his course.

DINING HALL

THE YALE DINING HALL, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The hall contains seats for 450, and is open to students of the Academical and Scientific Departments.

SCHOLARSHIPS

STATE SCHOLARSHIPS—By an Act passed in 1863, the General Assembly of Connecticut established certain scholarships from the income of the fund derived from the National grant of July, 1862. For some years there were twenty-five of these scholarships (the number depending upon the income of the fund), designed to aid by free tuition young men fitting themselves more especially for pursuits in agriculture, manufacturing, and engineering. An Act of Congress, approved August 30, 1890, entitled "*An act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the Colleges for the benefit of Agriculture and the Mechanic Arts established under the provisions of an Act of Congress approved July 2, 1862,*" permitted these scholarships to be increased for the year 1892–1893 to eighty-two. An Act of the General Assembly of Connecticut, however, passed in 1893, provided that the Federal grant should be devoted to another purpose, and the award of scholarships for 1895 is therefore contingent upon judicial decision.

The applicants must be citizens of Connecticut. The appointing board consists of the Board of State Visitors (see p. 126) and the Secretary of the School; it meets on the Tuesday before Commencement, to fill the vacancies for the next university year.

THE HOLMES SCHOLARSHIP, founded by Samuel Holmes, Esq., amounts to fifty dollars per year. The recipient must be a citizen of Middlebury, Prospect, Waterbury, or Wolcott, Connecticut; the appointments are made by the Board of Agents of the Bronson Library in Waterbury.

DEGREES

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred on those who have completed one of the three-year courses, and have passed the examination at its close.

CIVIL ENGINEER AND MECHANICAL ENGINEER—see page 168.

DOCTOR OF PHILOSOPHY—see page 166.

COURSES OF GRADUATE INSTRUCTION

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*

EDWARD J. PHELPS, LL.D., *Professor of Law*

HUBERT A. NEWTON, LL.D., *Secretary, and Professor of Mathematics*

GEORGE J. BRUSH, LL.D., *Professor of Mineralogy*

SAMUEL W. JOHNSON, M.A., *Professor of Theoretical and Analytical Chemistry*

WILLIAM H. BREWER, PH.D., *Professor of Agriculture*

JOHN E. CLARK, M.A., *Professor of Mathematics*

DANIEL C. EATON, M.A., *Professor of Botany*

ARTHUR M. WHEELER, M.A., *Professor of History*

JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*

ADDISON VANNAME, M.A., *Instructor in Japanese*

J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*

CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*

ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*

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OTHNIEL C. MARSH, PH.D., LL.D., *Professor of Palaeontology*

EUGENE L. RICHARDS, M.A., *Professor of Mathematics*

JOHN H. NIEMEYER, M.A., *Professor of Drawing*

TRACY PECK, M.A., *Professor of Latin*

ADDISON E. VERRILL, M.A., *Professor of Zoology*

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WILLIAM G. MIXTER, M.A., *Professor of Chemistry*

HENRY P. WRIGHT, PH.D., *Professor of Latin*

HENRY S. WILLIAMS, PH.D., *Professor of Geology*
HENRY A. BEERS, M.A., *Professor of English Literature*
A. JAY DUBOIS, PH.D., *Professor of Civil Engineering*
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*
EDWARD S. DANA, PH.D., *Professor of Physics*
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*
CHARLES S. HASTINGS, PH.D., *Professor of Physics*
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HENRY W. FARNAM, R.P.D., *Professor of Political Economy*
EDWARD P. MORRIS, M.A., *Professor of Latin*
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
ARTHUR T. HADLEY, M.A., *Professor of Political Economy, and Dean*
SAMUEL L. PENFIELD, PH.B., *Professor of Mineralogy*
HORACE L. WELLS, PH.B., *Professor of Analytical Chemistry and Metallurgy*
THOMAS D. GOODELL, PH.D., *Professor of Greek*
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HORATIO M. REYNOLDS, B.A., *Professor of Greek*
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FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
HORATIO W. PARKER, M.A., *Professor of Music*

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WILLIAM C. ROBINSON, LL.D., *Professor of Law*
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FREDERICK WELLS WILLIAMS, B.A., *Instructor in History*
JAY W. SEAVER, M.D., *Associate Director of the Gymnasium*
EDWARD V. RAYNOLDS, D.C.L., *Lecturer on Constitutional Law*
E. HERSHEY SNEATH, PH.D., *Assistant Professor of Philosophy*
LOUIS V. PIRSSON, PH.B., *Assistant Professor of Inorganic Geology*
WILLIAM G. ANDERSON, M.D., *Instructor in Gymnastics*
GUSTAVE F. GRUENER, B.A., *Assistant Professor of German*
HARLEY F. ROBERTS, M.A., *Tutor in Latin*
JAMES J. ROBINSON, PH.D., *Instructor in Latin*
EDWARD W. SCRIPTURE, PH.D., *Instructor in Experimental Psychology*
JOHN C. SCHWAB, PH.D., *Assistant Professor of Political Science*
THOMAS C. STEARNS, B.A., *Lecturer on the History of Philosophy*
A. GUYOT CAMERON, PH.D., *Assistant Professor of French*
REV. ARTHUR FAIRBANKS, PH.D., *Instructor in Christian Ethics*
CARLETON L. BROWNSON, B.A., *Tutor in Greek*
WILLIAM L. PHELPS, PH.D., *Instructor in English Literature*
WILLIAM A. SETCHELL, PH.D., *Instructor in Biology*
ALFRED J. WAKEMAN, PH.D., *Instructor in Analytical Chemistry*
HANNS OERTEL, PH.D., *Instructor in Comparative Philology*
IRVING FISHER, PH.D., *Assistant Professor of Mathematics*
EDWARD F. BUCHNER, PH.D., *Instructor in Pedagogy and Philosophy*
REV. HARLAN CREELMAN, PH.D., *Assistant in Semitic Languages*
JAMES P. PIERPONT, PH.D., *Lecturer on Mathematics*
JOSEPH BOWDEN, JR., B.A., *Tutor in Mathematics*
WILLIAM T. H. HOWE, PH.B., *Instructor in Chemistry*

THE INSTRUCTION OF GRADUATES, independently of the courses of study provided in the professional schools, had been attempted in an informal way before 1847, when such courses were definitely arranged, and the Department of Philosophy and the Arts was constituted, with this object in view. The degrees of Doctor of Philosophy and Civil Engineer were first offered in 1860, the degree of Dynamical or Mechanical Engineer in 1873, and that of Master of Arts (previously given without evidence of study) in 1874

Graduates of this and other Colleges and Universities, and (in exceptional cases, by special permission) other persons of liberal education, who are at least eighteen years old, are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

The attention of teachers who desire to fit themselves more thoroughly for a higher grade of professional work is called to the advantages offered by this department for pedagogical instruction and discipline. In addition to the special and advanced study of the subjects in which the graduate student desires instruction, and the pursuit of courses in psychology, ethics, philosophy, and of other courses cognate with pedagogy, opportunity will be afforded to observe the actual practice in the class-room of expert and successful instructors, as well as the organization of the different departments of the University and their methods of work.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by work in the laboratories and with instruments. There are also various voluntary associations, in which instructors and students meet together periodically for the reading of papers, oral discussions, etc.; such are, the Classical Club, the Mathematical Club, the Political Science Club, the Philosophical Club, the Semitic and Biblical Club, and the Modern Language Club.

Graduate students of this University, with the approval of the classical instructors, are admitted to the free enjoyment of the privileges of the American School of Classical Studies at Athens.

The terms and vacations correspond with those in the Undergraduate Departments. (See Calendar, page 6.)

The fee for instruction is generally one hundred dollars; but it may be more, or less, according to the courses pursued and the amount of instruction received.

All graduate students who are not regularly enrolled in any other department of the University, are required to register their names at the Treasurer's office at the beginning of each year of study.

Students have the free use of the Library of the University (including the Linonian and Brothers Library), and are admitted to the College Reading Room on payment of an annual fee of two dollars. The University Library contains about 170,000 volumes, and many thousands of unbound pamphlets. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number,—the foreign serials alone being not less than five hundred. The Linonian and Brothers Library contains over 30,000 volumes. The whole number of volumes in the several libraries of the University is over 220,000.

The Reading Room receives fifty-two daily newspapers, American and foreign, over sixty weeklies, and about seventy other periodicals—in addition to the periodicals received at the University Library.

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those who, after having taken a Bachelor's degree (implying a course of undergraduate study equivalent to that pursued in the Academical Department), and having studied in this department for not less than two years, shall have passed a satisfactory final examination and presented a thesis giving evidence of high attainment in the branches of knowledge pursued. The thesis must be deposited at the Library for public inspection, not later than June 1. The degree is not given, upon examination, to those whose studies are pursued elsewhere. The requirements for a degree in many cases exact of the student more than two years of labor; especially when the course of undergraduate study has been less than four years. A good knowledge of Latin, German, and French, is re-

quired in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. The fee for graduation is ten dollars.

The degree of Doctor of Philosophy with the courses of the Graduate Department leading thereto is open to candidates without distinction of sex.

The Committee having charge of matters connected with this degree consists, for the present year, of Professors Newton, Brush, Wheeler, Ladd, Seymour, and Hadley. They will give advice and information as to courses of study, conditions, etc.

THE DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of Yale College or of other colleges, of two years' standing or upwards, who have given to the Faculty of the Academical Department evidence of having made satisfactory progress in liberal studies after receiving their first degree. Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the Academical Faculty, followed by an examination. Graduates of other colleges can obtain the degree only by residence as thus described.

Such Bachelors of Arts *of Yale College* as may not choose to reside at the College for the prosecution of study may show at any time, not less than three years after graduation, by their printed essays, or by submitting to special examinations, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree.

A committee of the Faculty is appointed (consisting for the present year of Professors Newton and Wheeler), to whom candidates for this degree must submit their proposed courses of study for approval by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by June 1.

In the case of resident students, the charge for instruction will usually be one hundred dollars, with a fee of ten

dollars for the degree. In the case of non-residents, the fee for examinations and the degree will usually be twenty-five dollars.

THE DEGREES OF CIVIL ENGINEER AND MECHANICAL ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course under the direction of the Governing Board of the Sheffield Scientific School, for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions and to make the requisite drawings and calculations. The fee for graduation is five dollars.

FIVE FELLOWSHIPS yielding four hundred dollars each, and twenty Scholarships yielding one hundred dollars each, have been created by the Corporation out of the income of University funds. These fellowships and scholarships are open to graduates of all colleges; but in the case of the fellowships, preference is given to those who have already spent at least one year in graduate study. Candidates for these appointments should send their applications, accompanied by letters of recommendation and other evidences of the excellence of their work already accomplished, to Professor George T. Ladd, Chairman of the Committee on Fellowships and Scholarships, not later than May 1.

For further information, address the Dean, Professor Arthur T. Hadley.

COURSES OF INSTRUCTION

Courses marked with an asterisk (*) are undergraduate courses, but are open to graduate students, provided that they have the consent of the instructor and the approval of the Faculty.

The number of hours stated means, in every case, hours of exercises, lectures, or recitations, each week.

I. PSYCHOLOGY, ETHICS, AND PHILOSOPHY

Professor LADD :—

1 *Introduction to Philosophy.* 2 hrs. both terms.

This course is designed for all graduate students who desire any acquaintance with philosophy, whether they make it a matter of special study or not. It may be taken for purposes of general culture; since it provides for a brief survey of all the principal problems of philosophy, in an elementary way. One hour each week is occupied by the instructor with a lecture. The other exercises consist of discussions and reading of papers, in which each member of the class is expected to take part. The course follows the order of topics in Ladd's Introduction to Philosophy, which is supplemented by the study of several of Lotze's Philosophical Outlines, and by references to other books.

During the latter half of the year special emphasis is laid upon the philosophy of life and of conduct, in connection with the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

[Tuesday, 11.30 A. M., and Saturday, 8.30 A. M.]

*2 *Philosophical Anthropology.* 2 hrs. both terms.

This course will furnish an Outline Study of Man, his body and mind in their relations, his relations to nature, to his fellows, and to God; and his development in history. Lotze's *Microcosmus* is read, and the reading is accompanied by lectures, and by papers and discussions.

[Tuesday and Wednesday, 10.30 A. M.]

3 *Philosophical System.* 2 hrs. both terms.

This class meets one evening each week for the systematic study of philosophical problems as treated by modern methods. Wundt's *System der Philosophie* is read. An expository and critical lecture of about forty minutes is, in general, followed by the reading of papers and discussions by the class. [N. B. The same work is read by Professor Palmer as a course in German. See Course V, 16.]

[Tuesday, 7.15 to 9 P. M.]

4 *Theory of Knowledge.* 2 hrs. both terms.

An epistemological study conducted chiefly in the *seminary* method. The history of opinion on the theory of knowledge is traced; and the nature, limits, and grounds for the validity of knowledge examined. Most of the work is research,—the results presented in papers for discussion. The two hours will be held in one session.

[Wednesday, 3.15 to 5 P. M.]

Professor DUNCAN :—

5 *Advanced Psychology.* 2 hrs. both terms.

A detailed study of the phenomena of mental life from the scientific point of view. James's Principles of Psychology is read, with constant reference to Sully's The Human Mind, Ladd's Psychology, Descriptive and Explanatory, and the works of other leading modern authors. The reading is accompanied by papers, discussions, and lectures.

[Tuesday and Friday, 9.30 A. M.]

6 *Popular Discussions in Philosophy.* 1 hr. both terms.

This is a course in *philosophical criticism*, and is intended to develop and train the critical faculty; to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought; and to vindicate sound psychology and theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer, and others are read and freely discussed.

[Saturday, 9.30 A. M.]

*7 *History of Philosophy.* 2 hrs. both terms.

An elementary study of the development of speculative thought from Descartes to the present time. The course consists of lectures and expositions by the instructor, and the cursory reading by the students of philosophical masterpieces from Descartes to Kant: Descartes' Method and Principles of Philosophy, pt. 1; Bacon's *Novum Organum;* Spinoza's Ethics—selections; Locke's Essay on Human Understanding—selections; Leibnitz's Monadology and Philosophical Opuscules; Berkeley's Principles of Human Knowledge; Hume's Inquiry Concerning Human Understanding; Reid's Inquiry into the Human Mind; Kant's Prolegomena to any Future Metaphysic. The course is intended for purposes of general culture, but it also aims to be an intro-

duction to the special study of philosophy in its various branches and problems.

[Wednesday, 9.30 A. M., and Saturday, 11.30 A. M.]

Assistant Professor SNEATH :—

8 *History of Philosophy.* 1 hr. both terms.

A study of the history of philosophy from the standpoint of the genesis and development of its chief problems and conceptions. Windelband's History of Philosophy

[Tuesday, 9.30 A. M.]

9 *History of Philosophy.* 2 hrs. both terms.

A study of the philosophy of Locke, Berkeley, and Hume, with special reference to the development of the common-sense philosophy of Reid and his school, and the critical philosophy of Kant.

[Monday, 11.30 A. M., and Friday, 9.30 A. M.]

*10 *History of Ethics.* 2 hrs. both terms.

A survey of the history of modern ethics from Hobbes to Spencer. Lectures and collateral reading.

[Wednesday and Saturday, 9.30 A. M.]

Dr. SCRIPTURE :—

*11 *Physiological and Experimental Psychology.* 2 hrs. both terms.

Elementary presentation of the chief facts of the anatomy of the nervous system. Outline of nervous physiology with special attention to cerebral function and localization. Structure and functions of the sense-organs. Summary of the known relations between nervous activity and consciousness. Experimental treatment of the psychology of sight, hearing, touch, memory, emotion, volition, etc. The course is thoroughly illustrated by physiological and psychological experiments, demonstrations, models, charts, microscope slides, and dissections. Text-book : Ladd's Outlines of Physiological Psychology.

[Tuesday and Thursday, 2 P. M.]

*12 *Laboratory Course in Psychology.* 2 hrs. both terms.

Practical work in the laboratory with instruction in the fundamental methods of psychology. The objects of the course are, 1. the cultivation of the powers of introspective and external observation; 2. the development of dexterity in carrying out

psychological experiments and measurements; 3. training in the computation and adjustment of measurements; 4. knowledge of the commonest psychological instruments and manipulations. The course includes exercises in the graphic method chronometry, dynamometry, audiometry, photometry (psychological), colorimetry, and other fundamental processes of psychometry.

[Wednesday and Friday, 2 P. M.]

13 *Experimental Psychology.* 2 hrs. both terms.

General principles of experiment and measurement; qualitative statistics, theorems of Bernoulli, Bayes, Poisson; psychological measurements, means, medians, characteristic variations; quantitative statistics; measurements of sight, hearing, touch; time-relations of mental phenomena; action and volition; memory; emotion; principles of laboratory instruction and economy.

Advanced course, given in alternate years; not given in 1894–95. An acquaintance with psychology equivalent to course 1 is presupposed.

14 *Advanced Laboratory Course in Psychology.* 2 hrs. both terms.

Practical training in psychological measurements and statistics with instruction in the adjustment of measurements, calculation of errors of apparatus, elimination and compensation of disturbing psychological influences, construction and care of apparatus, elements of machine design, use of tools, lathe-work, vise-work, etc. The course closes with practical training in the art of research. It is specially designed for those who expect to conduct independent investigations or to teach psychology.

[Given in alternate years; not given in 1894–95.]

15 *Educational Psychology.* 2 hrs. both terms.

Application of modern psychological principles to educational subjects; the psychological methods as modified for school use; outlines of the psychology of touch, its use in education; motor abilities, accuracy of movement, fundamental principles of writing and drawing; hearing, training the ear, hearing and singing, fundamental principles of instruction in music; sight, color-teaching; space, form-teaching, drawing, modeling; attention, concentration and distraction, accessories of the school-room, laws for developing attention; memory, analysis into its components, experimental study of, calculation of results, development and training, periodicity of, time of study; imagination,

use, necessity of development and repression, fables, children's books, toys; emotions, development and repression, requirements for different grades of life; will, action, reflex, automatic, instinctive, voluntary, training; child-study on a scientific basis, principles of anthropometry and psychometry, tests and measurements adapted to rapid work in schools, record-blanks, use of results; psychological development of the child, first expressions of the various abilities, beginnings of instruction; economy in education, greatest results from least efforts, correlation and concentration of instruction; various educational subjects from a psychological standpoint,—amusement, play, toys, picture-books, object-lessons, etc. The course is illustrated with models, charts, books, experiments, educational material both good and bad, etc.

[Thursday and Friday, 4 P. M.]

16 *Research Work in Psychology.* 4 hrs. both terms.

Participants in this course are either investigators or assistants. For assistants the object is such a training in accurate introspection, observation, experimenting and the art of research as is desirable for the general psychologist. This work is open to all. Only those who have had work equivalent to courses 11, 12, 13, and 14, and have already served as assistants are permitted to undertake independent investigations. The results of all investigations belong to the archives of the laboratory. Those who undertake investigations thereby agree to prepare the results for publication, subject to approval, in Studies from the Yale Psychological Laboratory. Results may be used as theses for the degree of Ph.D. The psychological examination of a candidate for the doctorate, for the present year, extends over courses 11, 12, and 13, or their equivalents.

Dr. BUCHNER :—

17 *History of Philosophy.* 2 hrs. both terms.

This course gives a critical survey of the philosophical development of the seventeenth century on the continent as introductory to Kant, and comprises the reading of the philosophical masterpieces of Descartes, Spinoza, and Leibnitz, accompanied with lectures, papers, and discussions. The reading begins with Veitch's Descartes' Discourse on Methods and Meditations.

[Friday, 4 P. M., and Saturday, 10.30 A. M.]

18 *Herbart Seminary.* 2 hrs. both terms.

The design of this course is primarily to give the student a critical acquaintance with the rising Herbartian views on Education. It comprises a brief review of Herbartian Philosophy and a careful study of Herbartian psychology, ethics, and aesthetics during the first half of the year, as a foundation for the examination of his general and special pedagogics during the remainder of the year. The exposition of Herbart's *Lehrbuch zur Einleitung in die Philosophie* is followed by a reading of his Text-book in Psychology and Science of Education, conducted with constant reference to the earlier and more recent literature in Herbartian psychology and pedagogy.

This course is open to students of psychology and philosophy as well as to students of pedagogy, to all of whom a reading knowledge of German is valuable but not indispensable.

[Monday, 10.30 A. M., and Thursday, 11.30 A. M.]

Mr. STEARNS :—

19 *Greek Philosophy.*

The most of Plato's philosophical writings are read, analyzed, and discussed. Preparatory to this detailed study of the Dialogues, lectures on Greek thought prior to Plato are given. Jowett's translation of the Dialogues is used as the text-book.

[Friday, 10.30 A. M., and Saturday, 11.30 A. M.]

Mr. MORGAN :—

20 *Critique of Pure Reason.*

This course consists in a critical examination, exposition, and discussion of the Critique of Pure Reason from the standpoint of Psychology and Epistemology. The first and second editions are carefully compared and the important changes fully discussed. Constant references are made to the *Prolegomena* and especially to the Critique of Practical Reason. Toward the close of the year an endeavor is made to summarize Kant's view, with reference to some of the most important points in his system, viz: "The thing in itself," "Causation," etc.

The course of reading is accompanied by lectures and short papers.

The following courses in the Divinity School are also open to graduate students of philosophy, on obtaining, in each case, permission from the instructor.

Professor HARRIS :—

21 *The Philosophical Basis of Theism and the Self-Revelation of God.* 2 hrs. both terms.

A course of lectures on these topics, accompanied by a study of text-books bearing the same names. The course is primarily designed for Juniors in the Divinity School.

[Tuesday and Thursday, 5 P. M.]

22 *Topics in the Philosophy of Religion of special interest at the present time.*

1 hr. both terms.

This course is primarily designed for graduates of the Divinity School.

[Monday, 5 P. M.]

Dr. FAIRBANKS :—

23 *Comparative Religion.* 2 hrs. until Easter.

(a) Two or three types of religion among uncivilized tribes (the North American Indians and the Negroes) are studied, and the different theories as to the origin of religion are criticised. (b) Under the History of Religion, the religions of India and Persia are studied, and on this basis the effort is made to trace some of the laws that govern the development of religion, and the factors which tend to aid or hinder such development. (c) The Phenomenology of Religion, including a discussion of rites and ceremonies, objects of worship, etc., and the connection of these with the real development of religion.

[Monday, 11 A. M., and Wednesday, 9.30 A. M.]

24 *Comparative Religion (advanced course).* 1 hr. both terms.

A study of the different forms of sacrifice in their origin, development, and meaning. The object of the course is to bring out the different conceptions of man's relation to God which have been held by different races and different ages.

[Friday, 5 P. M.]

25 *Philosophy of Religion.* 1 hr. both terms.

Recent theories as to the philosophy of religion are presented and discussed by members of the class as well as by the instructor.

[Friday, 12 M.]

II. POLITICAL AND SOCIAL SCIENCE AND HISTORY

Professor SUMNER :—

1 *The Historical Development of the Modern Industrial Organization.* 2 hrs. both terms.

The subject is treated as a branch of Historical Anthropology. Leading topics are: the transformation of the system of production from the manor and gild system to the capitalistic wages system; the effect of the opening of the world-market; the invention and improvement of credit institutions; the development of transportation and means of communication. The effects of these changes on all departments of the social organization are studied, and it is the special aim to find the deductions and parallels which are most useful for their bearing on modern problems.

2 *Politics and Finance in the History of the United States.* 2 hrs. both terms.

A study of economic and political institutions and doctrines in the history of the United States, especially in their relations to, and effects on, each other. Those who take the course are supposed to be well acquainted with the civil history of the United States.

[Thursday, 10.30 A. M. to 12.30 P. M.]

3 *Anthropology.* 2 hrs. both terms.

A careful study of Ranke's *Der Mensch* as a text-book, with an examination of the separate topics by means of all the appropriate material.

Courses 1 and 3 are given in alternate years. Course 3 is given in 1894–95.

[Monday and Friday, 10.30 A. M.]

*4 *Social Science.* 2 hrs. both terms.

An elementary course, with text-book lessons and examinations, in Anthropology and Ethnology, with the origin of civilization and the development of institutions.

In connection with this is a course of lectures on Systematic Sociology as derived from Historical Anthropology and Ethnology.

Those who are able to read difficult French and German join special divisions to read books in those languages. For such the course counts as a three-hour course. The text-

books at the beginning of the year are Tylor's Anthropology; Quatrefages's *Histoire Générale des Races Humaines*; Lippert's *Kulturgeschichte* (2 vols., Stuttgart, 1887).

[Monday and Friday, 8.30 A. M.]

Professor FARNAM :—

5 *The Modern Organization of Labor.* 2 hrs. 1st term.

These lectures treat of the historical antecedents and the development during the nineteenth century of associations of wage-receivers. They include therefore an account of the structures, aims, and methods of such societies in different countries, together with a discussion of their relations to the factory system, labor disputes, labor legislation, workingmen's insurance, provision for the unemployed, and other features of the modern industrial world.

[Wednesday and Friday, 11.30 A. M.]

6 *The Principles of Public Finance.* 2 hrs. 2d term.

A systematic survey of the means by which the expenditures of government are met, regard being had both to the economic principles involved and to the fiscal systems of modern states. Leading topics are: the budget, taxation (national and local), public debts, and state banks considered as aids to public credit.

Professor HADLEY :—

*7 *Economics (General Course).* 2 hrs. both terms.

A course in the general principles of the science, including its applications to the most important problems of finance and industrial legislation, as short as is consistent with thorough work. Walker's Political Economy is used as a text-book, supplemented by informal lectures and discussions.

[Tuesday and Thursday, 11.30 A. M.]

*8 *Economics (Special Course).* 3 hrs. both terms.

Covering the same ground as the preceding course, but intended for those who are willing to do much harder work in outside reading and investigation. Two of the hours coincide with those of the general course; the third is devoted, partly to the discussion of details for which the shorter course furnishes inadequate time; and partly to the statistical investigation of economic problems.

[Tuesday and Thursday, 11.30 A. M., and Saturday, 9.30 A. M.

9 *Economic Problems of Corporations.* 1 hr. both terms.

This course deals with the growth of combinations, trusts, and monopolies; the difficulties connected with private and with public management of such monopolies; the control of services rendered and prices charged; with especial reference, under the latter head, to the subject of railroad regulation.

[Tuesday, 9.30 A. M.]

10 *The Relation between Economics and Ethics.* 1 hr. both terms.

An historical study of the development of moral and legal standards in their relations to one another, followed by criticisms of various schemes of social policy and legislation. No one is admitted to this class who is not well grounded in the general principles of economics. The students are expected to prepare critical papers as an essential part of the work of the class.

[Thursday, 9.30 A. M.]

Assistant Professor SCHWAB :—

*11 *Economic Policy.* 3 hrs. both terms.

Fall term: The principles of money, credit, and banking. Jevons' Money, Brough's Money, and Dunbar's Banking are used as text-books. The principles are illustrated by lectures upon the monetary and banking history of the United States. Special attention is given to the currency problem of the present time.

Christmas to Easter: The principles of Finance. Adams' Public Debts and Sumner's Investment Securities are used as a basis for lectures upon government revenue and expenditure, and upon the principles involved in investment securities.

Easter to June: International trade, history of United States tariff legislation and industrial history of the United States. Taussig's Tariff History of the United States and parts of Cairnes' Some Leading Principles of Political Economy are studied. Sumner's Problems is used throughout the year.

[Monday, Wednesday, and Friday, 10.30 A. M.]

12 *United States Financial History.* 1 hr. both terms.

General topics in the financial history of the United States are assigned for individual investigation by the students The results are presented and discussed at the meetings of the class.

[Thursday, 12.30 P. M.]

13 *United States Public Finance.* 2 hrs. 1st term.

The principles of government revenue and their application to the finances of the United States, especially to State, County, Township, and City finances. Leading topics are: the spheres of expenditure and revenue of the different political units of the United States; their fiscal policy; historical and critical study of their forms of revenue; public lands, government monopolies, fees, licenses, taxes, and loans; the American system of State and local taxation in theory and practice; State and local debt financiering.

[Tuesday, 10.30 A. M. to 12.20 P. M.]

Assistant Professor FISHER :—

14 *Mechanism of Prices and Currency.* 2 hrs. both terms.

I. Elementary Calculus, so far as necessary to show its use in economics. II. Mathematical analysis of supply and demand. Reduction of complex economic problems to simple problems of liquid mechanics. III. The rôle of money in prices. Monometallism, bimetallism, irredeemable paper, etc. Applications to the experience of the United States, etc.

Professor ROBINSON :—

*15 *Jurisprudence.* 2 hrs. 1st term.

The course consists of lectures and recitations on the following subjects: law in its relations to the origin, development, and government of political society; origin and development of customary law; relation of statute law to customary law; formation and development of codes of law; nature and origin of legal rights; principles of the law governing rights in land; principles of the law governing contract-rights; the law of remedies for the violation of rights; origin and procedure of courts of law and equity; criminal law. The instruction in this course is designed to present an historical and philosophical view of the law in its great outlines, as common to all nations, and as particularly developed in the Anglo-Saxon race, and thus to serve as an introduction to the courses of Professor Phelps in Municipal, Constitutional, and International Law.

[Monday and Tuesday, 5 P. M.]

Professor PHELPS :—

*16 *Law.* 2 hrs. 2d term.

The common law of this country. Constitutional law. International law. The instruction is by lectures based upon text-books to be read in connection.

Dr. RAYNOLDS :—

17 *Constitutional Government.* 2 hrs. 2d term.

A comparative study of political institutions in Europe and America. Some of the principal matters to be considered are: the special features of state systems and composite states, including the various forms of union, federation, home-rule and colonial relations; the constitutional character of the chief organs of the State, the relations between the royal or presidential authority and the representative assembly, and between executive and legislative functions; the organization of the administrative departments and the civil service; the administration of justice, with the relations of the courts to constitutional questions and to administrative discipline.

Professor BREWER :—

18 *Physical Geography in its relation to Political History.* 1 hr. 1st half of 2d term.

A course of about ten lectures discussing the following topics: the relations of man to the region he inhabits; the physical conditions and natural productions necessary for civilization; natural aids to the defence and protection of communities; natural facilities for commerce; the influence of natural conditions as now modified by science and invention.

Professor WHEELER :—

*19 *History of Europe since 1789.* 2 hrs. both terms.

Mainly political; introductory to European politics of our day.

[Monday and Friday, 9.30 A. M.]

20 *English History to the accession of the Stuarts.* 2 hrs. both terms.

Mainly constitutional. Designed for those who have a good knowledge of the general history.

21 *Investigation of special topics in French History from 1789 to 1815.* 2 hrs. both terms.

A general knowledge of the period, and ability to read French and German, are required for admission to this course.

Professor C. H. SMITH :—

22 *American History (Colonial).* 2 hrs. both terms.

Exploration and early settlement of North America, and colonial history to the close of the Revolutionary War. Selected topics are assigned for study, and the full course occupies two years; but the part given in either year may be taken for that year only.

[Monday, 11.30 A. M. to 1.30 P. M.]

23 *American History (National).* 2 hrs. both terms.

Political and constitutional history of the United States. The selected topics occupy two years, but a part of them may be taken as a one-year course, as explained above.

[Tuesday, 11.30 A. M. to 1.30 P. M.]

Professor ADAMS :—

*24 *English History to 1485.* 2 hrs. both terms.

Political and constitutional. Particular attention is given to the origin and development of the system of self-government. The course is of especial value to those who intend to study law.

[Tuesday and Thursday, 11.30 A. M.]

*25 *Medieval History.* 2 hrs. both terms.

The object of the course is to furnish an outline of the general history of Europe, and to follow the development of political, intellectual, and religious civilization through the period which lies between ancient and modern history.

[Monday and Friday, 8.30 A. M.].

26 *Medieval Institutions.* 2 hrs. both terms.

This course extends through two years, and considers the most important institutions of continental Europe between the fall of Rome and the sixteenth century. The student is made acquainted with the literature of the subjects treated and with the collections of original material. He is expected to investigate selected topics in the sources and to report to the class upon them, and especial attention is paid to the principles of criticism and to methods of research.

The second year's course (*b*) is given in 1894-95.

a. The first year's course covers early German institutions; their modification under Roman influence; the development of the papal power and its special institutions; the institutions of Charlemagne's empire; the origin and the final forms of feudalism; and the beginnings of national governments.

b. The second year's course includes the growth of commerce and its political effects; the rise of the communes and of the third estate; the fall of the feudal system; the growth of the absolute monarchy with the institutions developed in the process; and the universities and other special features of the intellectual and religious revolution which closed the middle ages.

[Friday, 11.30 A. M. to 1.20 P. M.]

Mr. F. WELLS WILLIAMS:—

*27 *Europe from the Reformation to the French Revolution.* 2 hrs. both terms.

[Tuesday and Thursday, 12.30 P. M.]

*28 *England since 1485.* 2 hrs. both terms.

Constitutional down to the Revolution of 1688, after which the course includes political and parliamentary history with reference to the development of the British Empire.

[Monday and Wednesday, 10.30 A. M.]

The following course in the Divinity School is also open, by the special permission of Professor Fisher, to graduate students:

Professor FISHER:—

29 *General Church History.* 3 hrs. both terms.

This course comprises the following topics: The nature, divisions, and sources of Church History, with a review of the literature on the subject; the old or preparatory dispensation in its relation to Christianity; the condition of the Graeco-Roman world at the introduction of the Gospel; the establishment of Christianity, and the conflicts of the apostolic age; the spread of Christianity, including especially the conversion of the Roman Empire and of the Teutonic nations; the changes in ecclesiastical polity in the early centuries; the organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to civil society in the Middle Ages; the Protestant Reformation, with its causes and the systems of polity adopted by the different Protestant churches; Christian life, and its characteristic features in the successive eras (including the rise and subsequent history of monasticism); the history of Christian worship.

[Monday, Thursday, and Saturday, 10 A. M.]

[For courses on the Greek Historians and on the Athenian Commonwealth, see Classical Philology, IV, 7, 22, 28.]

III. ORIENTAL LANGUAGES AND BIBLICAL LITERATURE

Dr. OERTEL :—

1 *Elementary Sanskrit.* 2 hrs. both terms.
Instruction in Sanskrit, beginning with Whitney's Sanskrit Grammar, and passing on to Lanman's Reader. Exercises in composition.
[Wednesday and Friday, 2 P. M.]

2 *Second Year's Sanskrit.* 2 hrs. both terms.
The Vedic Selections in Lanman's Reader completed. Selected parts of Boehtlingk's *Chrestomathie*, of Hillebrandt's or Windisch's *Vedachrestomathie*, and of the *Çakuntalâ*. Exercises in composition.
[Monday, 4 P. M., and Wednesday, 3 P. M.]

3 *Advanced Sanskrit.* 2 hrs. both terms.
Some of the older *Upanishads* as an introduction to early Indian Philosophy. Reading in a Brahmana or of some other text, according to the choice of the class. The mss. and texts of the University library and of the American Oriental Society furnish ample material for original work.
[Thursday, 3 P. M., and Saturday, 9.30 P. M.]

Mr. VANNAME :—

4 *Japanese.* 1 or 2 hrs. both terms.
Elements of the Japanese language, and exercises in the reading of both transliterated and native text.

President DWIGHT :—

5 *The Book of Revelation.* 2 hrs. both terms.
A course of lectures, with a study of the book in the original Greek.
[Tuesday and Friday, 2.15 P. M.]

*6 *The Pauline Epistles (English).* 1 hr. both terms.
A study of the Epistles with reference to the teachings of Paul and their relation to the teachings of Jesus.
[Monday, 11.30 A. M.]

*7 *The First Epistle and the Gospel of John.* 1 hr. both terms.
A study of the writings of John in the original Greek with reference to the thoughts of the author and the relation of the First Epistle to the Gospel.
[Monday, 3 P. M.]

Professor SANDERS and Dr. CREELMAN :—

The strictly graduate courses enumerated below are given in accordance with the needs of the graduate students actually in attendance. Equivalent courses may be given in the place of some of these, if required.

*8 *Beginning Hebrew* (each year). 4 hrs. both terms.
The first term is devoted to the mastery of the elements of etymology and syntax, in connection with a detailed study of Genesis i-iv. The work of the second term is more diversified, including reading at sight, a careful but fairly rapid reading of easy historical passages with especial reference to forms, idioms, and simple syntax, and one hour per week of close grammatical work. After Easter, some lectures are given on the Hebrew language.
[Monday, Tuesday, Thursday, and Friday, 3 P. M.]

*9 *Hebrew Poetry, Law, History, and Prophecy* (each year). 2 hrs. both terms.
A study of the short poems found in the historical books of the Old Testament, stress being laid on the details of poetical form and on the principles of textual criticism. This is followed by a study of selections from the legal material of Exodus and Deuteronomy, from the histories of Samuel and Kings, and from the Minor Prophets ; the material being discussed from an historical and comparative as well as textual standpoint.
[Tuesday and Thursday, 2 P. M.]

10 *The Book of Ezekiel (Hebrew).* 2 hrs. 1st term.
Interpreted with especial reference to the historical setting, the principles of prophecy, and Hebrew symbolism.
[Wednesday, 5 P. M., and Friday, 4 P. M.]

11 *Hebrew Syntax.* 1 hr. both terms.
A close study of the principles of syntax, following the outline of Harper's Elements of Hebrew Syntax, and reading parallel

passages in other writers on syntax. Toward the close of the year a few of the Psalms and some prophetic passages are read critically with reference to a syntactical interpretation.

[Friday, 2 P. M.]

*12 *Beginning Arabic* (each year). 2 hrs. both terms.

During the first term the principles of the language are mastered in connection with the careful reading of Genesis i-iii. During the second term until Easter the class reads rapidly in easy prose Arabic; after Easter selected Suras of the *Qurân* are read, and in connection with them, lectures are given on early Arabian civilization, Arabic literature, and the structure and contents of the *Qurân*.

[Thursday, 4 P. M., and Friday, 5 P. M.]

13 *The Qurân* (each year). 2 hrs. 1st term.

A rapid but careful reading of selected Suras of the *Qurân*, in connection with a study of the material of the whole *Qurân* from a religious point of view, lectures being given on Islam.

[Wednesday, 8.15 to 10.15 A. M.]

14 *Arabic Poetical Literature* (each year). 2 hrs. 2d term.

Selections from the *Mu'allaqât* and other poetical literature, accompanied by lectures on the history of Mohammedanism and by sight-reading in the Thousand and One Nights.

[Wednesday 8.15 to 10.15 A. M.]

*15 *Beginning Assyrian* (each year). 2 hrs. both terms.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser, and Sennacherib in the cuneiform, together with lectures on the outlines of Assyro-Babylonian history and literature.

[Monday and Tuesday, 3 P. M.]

16 *Assyrian and Babylonian Inscriptions.* 2 hrs. 1st term.

Selected inscriptions from the annals of the later Assyrian kings and of the New-Babylonian empire.

[Monday and Tuesday, 8.15 A. M.]

17 *Assyro-Babylonian History and Literature.* 2 hrs. 2d term.

A rapid reading with the use of Schrader's transliterated texts of the whole range of Babylonian and Assyrian historical in-

scriptions, the object being to gain a familiarity with the literature and the history, and a critical estimate of them.

[Monday and Tuesday, 8.15 A.M.]

18 *Biblical Aramaic.* 2 hrs. 2d term.

A study of the elements of Aramaic, together with a critical study of the books of Ezra and of Daniel and an interpretation of the literary form and contents of the book of Daniel.

[Wednesday, 5 P. M., and Friday, 4 P. M.]

19 *Ethiopic and Syriac.* 2 hrs. 1st term.

A rapid survey of the elements and the distinctive structure of these languages, largely in order to prepare the student for a study of Comparative Grammar. The work includes the reading of Bachmann's critical edition of Obadiah in Ethiopic, and of some easy Syriac text.

[Thursday and Friday, 8.15 A. M.]

20 *Comparative Semitic Grammar.* 2 hrs. 2d term.

The reading and discussion of Wright's Comparative Grammar, special themes being presented in lectures and class papers.

[Thursday and Friday, 8.15 A. M.]

*21 *Sight-Reading in Hebrew.* 2 hrs. both terms.

A rapid reading of the Hexateuch, each document being read separately.

[Wednesday, 3 to 5 P. M.]

*22 *Biblical Literature (English course).* 2 hrs. both terms.

A survey of the whole Bible in English from an historical and literary standpoint, the material being arranged, as far as possible, chronologically. The various problems raised by the careful study of this material are discussed.

This course covers two years, dividing at the Captivity. For 1894–95 the history and literature of the Bible from the Captivity onward is the subject of study.

[Monday, 10.45 A. M., and Thursday, 4 P. M.]

*23 *Biblical Problems (English).* 2 hrs. both terms.

An investigation-course, intended to train men for patient and accurate investigation of Biblical questions. It does not aim to cover the whole Biblical field, but considers a variety of topics.

This course is very informal, the class meeting at intervals to report and compare results of individual study of themes assigned by the instructor.

[Tuesday, 4 to 6 P. M.]

*24 *Messianic Prophecy.* 1 hr. both terms.
A survey of the Messianic material in the Old Testament so as to show the historical development of the conception. A series of studies, supplemented by lectures.
[Monday, 2 P. M.]

The following Semitic courses in the Theological Seminary are open to graduate students with the consent of the instructor:

Professor CURTIS:—

25 *Elementary Hebrew.* 5 hrs. both terms.
The reading of Genesis i.–Exodus xxiii. with the use of Harper's Introductory Hebrew Method and Elements of Hebrew, and of Gesenius's Hebrew Grammar as text-books.
[Tuesday to Saturday, inclusive, 11.20 A. M.]

26 *Psalms and Isaiah.* 2 hrs. both terms.
Reading of selections with special reference to Hebrew syntax and Biblical interpretation.
[Wednesday and Friday, 10 A. M.]

27 *Old-Testament Wisdom-Literature.* 1 hr. both terms.
The reading and critical study of the Songs of Songs, Ecclesiastes, and portions of the Book of Proverbs.
[Monday, 5 P. M.]

28 *Hexateuchal Criticism.* 2 hrs. 2d term.
An examination of the evidence for the documentary composition of the Hexateuch, and the theories of its explanation.

29 *Old-Testament Introduction.* 1 hr. both terms.
The history of the Old-Testament Canon, and of the separate Old-Testament books, with a summary of their contents, and also an account of the text and versions of the Old Testament.
[Thursday, 8.25 A. M.]

30 *Old-Testament Criticism.* 1 hr. both terms.
The reading of selected portions of the Hebrew Bible, with discussions of questions of the literary and textual criticism.
[Friday, 4 P. M.]

The Semitic and Biblical Club, formed of the instructors and students in the departments of Semitic Lan-

guages and of Biblical Literature, and in the Divinity School, holds regular meetings throughout the year, for the reading and discussion of original papers, reviews of recent literature, and reports of progress.

IV. CLASSICAL PHILOLOGY

Professors PECK and SEYMOUR :—

1 *Classical Seminary.* 2 hrs. both terms.

With specially qualified students, careful study is given to one Greek and two Latin authors, with exercises in the critical treatment and interpretation of classical texts. The Greek and the Latin exercises are held on alternate weeks. In 1895–96 the poems of Pindar, the Annals of Tacitus, the Epistles of Horace, and the Letters of Pliny will be taken up for study.

[Omitted in 1894–95.]

Dr. OERTEL :—

2 *Linguistics.* 2 hrs. both terms.

The general principles of linguistic science, together with a discussion of its chief problems (such as sound-change); critical reading of Paul's *Principien der Sprachgeschichte ;* an introduction to general phonetics; the method of linguistic investigation. Toward the end of the year the most important questions regarding the Indo-European branch are discussed.

No knowledge of Sanskrit is required for this course.

3 *Comparative Phonology and Morphology of Greek and Latin.* 3 hrs. both terms.

A *résumé* of the chief results of the modern comparative treatment of Greek and Latin sounds and inflection, chiefly intended for classical students. For the more important questions (as *ablaut* and palatal law) an historical sketch of the course of investigation since Schleicher is given in order to illustrate the method. Considerable attention is paid to both Greek and Italic dialects.

[To be omitted in 1895–96.]

4 *Investigation-Course.* 1 hr. both terms.

For the presentation and discussion of the results of individual investigation of questions of Comparative Philology. Intended

especially for those who wish to pursue farther the work of the preceding two courses.

5 *Greek Dialects.* 3 hrs. both terms.

The Greek dialect-inscriptions (Cauer's *Delectus inscriptionum*, 2d ed.), chiefly from the grammatical side, together with the fragments of the lyric poets (Bergk's *Anthologia Lyrica*). Introduction to Greek Epigraphy.

[Omitted in 1894–95.]

6 *Introduction to Comparative Syntax.* 2 hrs. both terms.

[Omitted in 1894–95.]

Professor PERRIN :—

7 *The Tradition of the History of Alexander.* 3 hrs. both terms.

Lectures and seminary exercises.

A critical study of the sources of the history of Alexander, from the Letters of Alexander himself, and the Journals, through the *Anabasis* of Arrian and the *Alexander* of Plutarch. The treatment of their authorities in the histories of Alexander by Thirlwall, Grote, Droysen, and Holm is compared.

A reading acquaintance with German is indispensable for the successful prosecution of this course.

[To be omitted in 1895–96.]

[Monday and Friday, 11 A. M. to 12.30 P. M.]

8 *Pausanias.* 1 hr. both terms.

Lectures and seminary exercises.

A practical introduction to Pausanias, and a critical reading of his description of Olympia, with illustrations from the excavations of 1876–81. [Omitted in 1894–95.]

*9 *Aristophanes. The Testimony of the Old Athenian Comedy to the History and Private Life of its Time.* 2 hrs. both terms.

The Acharnians, Knights, Wasps, and Birds, are read entire, together with extracts from the other plays, and a few of the more notable Fragments. [Omitted in 1894–95.]

Professor SEYMOUR :—

11 *The Greek Orators.* 3 hrs. both terms.

A study of Greek Oratory, beginning with the orations of Isaeus, and including some of the private orations of Demosthenes, with

reference to Athenian life and law, as well as to the development of Attic eloquence. [Omitted in 1895–96.]

[Monday and Wednesday, 8.30 to 10 A. M.]

12 *Epic Poetry.* 2 hrs. both terms.

Introduction to the critical study of Homer. Lectures on the history of Homeric study, Epic poetry, the composition and transmission of the poems, life in the Homeric times in its various aspects; Homeric language and verse. Later Greek Epics: Apollonius of Rhodes; Nonnus and his school. Followed by a familiar but critical interpretation (and exercises in interpretation and criticism) of portions of the Odyssey. [Omitted in 1895–96.]

[Wednesday, 4 to 6 P. M.]

13 *Aeschylus.* 3 hrs. both terms.

The extant plays of Aeschylus are read. The instructor interprets the *Prometheus* and parts of other plays. The members of the class interpret in turn.

[Omitted in 1894–95.]

14 *Plato.* 2 hrs. both terms.

The *Republic* and the portions of the other dialogues which are most important for its elucidation.

[Omitted in 1894–95.]

*15 *The Phaedo of Plato.* 2 hrs. 1st term.

Introduction to the literary and philosophical study of Plato; observing carefully the dramatic character of the work, the connection of thought, and the marks of division of the argument, with special attention to the characteristics of Plato's literary style.

[Tuesday and Thursday, 3 P. M.]

*16 *Aristotle's Nicomachean Ethics.* 2 hrs. 2d. term.

Books i–iv and x, with a study of Aristotle's methods of research and statement.

[Tuesday and Thursday, 3 P. M.]

*17 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs. both terms.

The works of these poets are read rather rapidly, with more attention to their characteristics as literature than to specially linguistic and grammatical questions.

[Monday and Friday, 3 P. M.]

*18 *Aeschylus and Pindar.* 2 hrs. both terms.

[Omitted in 1894–95.]

*19 *Plato.* 2 hrs. both terms.
The *Gorgias* and several of the minor dialogues.
[Omitted in 1894–95.]

Professor GOODELL :—

[Professor Goodell's courses for the year 1894–95 are withdrawn, since he is in Greece on leave of absence, to serve for the year as Professor of the Greek Language and Literature in the American School of Classical Studies at Athens.]

20 *Sophocles.* 2 hrs. both terms.
Reading of the seven extant plays with special attention to the artistic form, including the poet's literary style, treatment of the myths, management of the action, use of metres, and the like. A brief introduction to Greek rhythmic and metric is given by lectures.
[Omitted in 1895–96.]

21 *The Teaching of Greek.*
In the second term several lectures are given, to graduate students and any others who may be interested, on elementary Greek teaching.

22 *The Athenian Commonwealth.* 2 hrs. 1st half-year.
The Athenian state in its historical development and in its completed form as existing in the fourth century B. C. Aristotle's Athenian Constitution is read and interpreted, topics are assigned for individual investigation, and the results presented to the class for criticism and discussion. The student thus becomes familiar with our principal ancient authority in this field and obtains a practical introduction to the voluminous modern literature of the subject.

23 *Greek Composition.* 2 hrs. 2d half-year.
Written and oral exercises, with some rapid reading as a help in acquiring facility of expression.

24 *Introduction to Greek Archaeology.* 1 hr. both terms.
An outline study of Greek pottery, architecture, and sculpture, with some attention to gems, metal-work, coins, figurines, and painting, as illustrated by existing examples. The subject is taken up by periods, to show the historical development of Greek artistic production and its relation to other phases of

Greek life and to modern art. Photographs, the large collection of archaeological works belonging to the Library, the University coin-collection, and the casts of the Art School, are freely used in lectures and are made available for private study.

Professor REYNOLDS :—

25 *Aristotle's Poetics.* 1 hr. both terms.

Interpretation of the Poetics and portions of the Rhetoric. Analysis and discussion of Aristotle's poetic theory in its relations to ancient and modern literature and criticism.

[To be omitted in 1895–96.]

26 *Later Greek Poetry.* 1 hr. both terms.

This course includes a survey of late Greek poetry, the reading of the mimes of Herondas, with selections from the Anthology, and from the hymns of Callimachus.

[Omitted in 1894–95.]

*27 *Euripides.* 2 hrs. both terms.

The *Hippolytus*, *Heracles*, *Iphigenia in Aulis*, *Bacchae*, *Ion*, and *Supplices*.

A general reading-course with reference to Euripides's poetic and dramatic quality. A discussion of his relation to his times, his dramatic innovations, and his influence on the Roman and the modern drama.

Graduates who elect this course may also meet the instructor once a week for the discussion and investigation of special topics.

[To be omitted in 1895–96.]

*28 *The Age of Pericles.* 2 hrs. both terms.

Reading of Attic prose illustrative of Athenian life, 450–400 B. C. Selections from Thucydides, i., ii., and vii., Xenophon, and Lysias; Andocides *de Mysteriis*. Discussion of style, methods of the historians, the history of parties and public men, social questions, education, morals, etc. The course will involve in parts considerable rapid reading and the preparation of assigned themes.

[Omitted in 1894–95.]

Mr. KITCHEL :—

*29 *Demosthenes.* 2 hrs. both terms.

A literary and rhetorical study of Demosthenes's Oration on the Crown and of Plutarch's Lives of Demosthenes and Cicero.

Dr. FAIRBANKS :—

30 *Greek Worship and Belief.* 1 hr. both terms.

Different topics with reference to the religion of Greece are investigated by the members of the class, and the results of this study are presented and discussed. The study of Greek worship is based on Stengel, *Die griechischen Sakralaltertümer.*

[Tuesday, 4 P. M.]

Mr. BROWNSON :—

31 *Modern Greek.* 1 hr. both terms.

An introduction to the study of the language with practical exercises in its use.

*32 *Greek Composition.* 1 hr. both terms.

[Friday, 5 P. M.]

Professor PECK :—

[Courses 34, 35, and 39 are omitted in 1894–95 ; courses 34, 36, and 38 are to be omitted in 1895–96.]

33 *Lucretius.* 2 hrs. first term.

[Saturday, 9.30 to 11.30 A. M.]

34 *Early Latin.* 1 hr. first term.

Study of inscriptions and of the ante-classical literature, based on Allen's Remnants of Early Latin.

The course is largely philological and critical, dealing with the origins of forms, constructions, and literature, and is specially commended to those who expect to teach Latin.

[Wednesday, 10.30 A. M.]

35 *Latin Philology.* 1 hr. both terms.

In this course such features of the language are studied as its historical development and decay, relations to other languages, forms and syntax, pronunciation, adaptation to literature, etc.

*36 *Hexameter Poetry.* 3 hrs. first term.

Development of poetic forms and styles in Latin, with studies in Ennius (the Annals), and Lucretius.

*37 *Prose Latin of the 1st Century.* 3 hrs. both terms.

Tacitus (the Annals), Suetonius, and Pliny's Letters.

*38 *Quintilian* (X. and XII.) 2 hrs. first term.

*39 *Roman Satire.* 2 hrs. both terms.
Lucilius, Horace, and Persius.

Professors H. P. WRIGHT and MORRIS :—

*40 *Satire and Comedy.* 2 hrs. both terms.
Juvenal and Martial. Plautus: three or four plays. With special attention to literary history, form, and influence.
[Tuesday and Thursday, 9.30 A. M.]

*41 *Lyric and Elegiac Poetry.* 2 hrs. both terms.
Horace, Odes iii and iv, Catullus, Tibullus, and Propertius. With special reference to literary qualities.
[Omitted in 1894–95.]

Professor MORRIS :—

42 *Historical Syntax.* 2 hrs. both terms.
Principles and methods of the historical syntax of the Latin modes and tenses; discussion of text-books and of typical special investigations; study of the history of *ne*, *ni*, *-ne*.
[Tuesday, 2 to 4 P. M.]

43 *Plautus.* 1 hr. both terms.
A course of lectures giving a general introduction to the study of Plautus, followed by work upon idioms and phraseology.

*44 *Cicero's Letters.* 2 hrs. both terms.
Reading of the letters in Watson's Selections (text-edition), followed by study of the speeches and letters of the year 708/46, with a view to arranging them in chronological order.
During the latter half of the year each session occupies two hours and little outside work is required.

*45 *The Conspiracy of Catiline.* 1 hr. both terms.
A study of the conspiracy of Catiline from the sources, involving the reading of Cicero *in Catilinam i–iv* and *pro Murena*, Sallust's *Catilina*, Asconius on the oration *in Toga Candida*, and some chapters of Dio Cassius and Appian.
Each session occupies two hours and little outside work is required.
[Omitted in 1894–95.]

Assistant Professor LANG :—

46 *Low Latin.* 1 hr. both terms.

The aim of this course is to give an outline of the grammar and syntax of the popular speech of Rome, as it is disclosed to us by Low-Latin Texts and by the consensus of the Romance Languages. The following text is made the basis of instruction for the year : *Sanctae Sylviae Aquitanae Peregrinatio ad Loca Sancta*, edited by Gamurrini, Rome, 1877.

[Thursday, 5 P. M.]

Mr. ROBERTS :—

*47 *Terence.* 2 hrs. 1st term.

The *Andria*, *Phormio*, and *Adelphi*.

[Tuesday and Thursday, 4 P. M.]

*48 *Vergil.* 2 hrs. 2d term.

A course designed for those who expect to teach Vergil in the preparatory schools. A part of *Aeneid* i. is read critically and some of the later books rapidly. A general outline of the literature of Vergil is also given.

*49 *Terence.* 2 hrs. 1st term.

The *Hecyra*, *Heauton Timoroumenos*, and *Eunuchus*.

*50 *Cicero.* 2 hrs. 2d term.

The Philippic Orations.

[Courses 48 and 49 are omitted in 1894–95.]

Dr. ROBINSON :—

*51 *Latin Prose Composition.* 2 hrs. both terms.

The work will consist of oral and written practice in translating English into Latin, using the text of Caesar's Gallic Wars as a basis during the first term, and selected orations of Cicero during the second term. In order to secure accuracy and facility in oral expression, the recitations are conducted largely in Latin.

[Tuesday and Thursday, 12.30 P. M.]

Dr. THOMPSON :—

*52 *Livy.* 2 hrs. both terms.

Selected portions of the first decade, with special reference to the early history and monuments of Rome.

[Tuesday and Thursday, 5 P. M.]

*53 *Ovid.* 2 hrs. both terms.

Fasti and *Metamorphoses.* Studies in Roman topography and mythology.

[Omitted in 1894–95.]

For a Course in the Philosophy of Plato, see course I, 19.

Professor Hoppin's Lectures on the History of Art are open to classical students. See course VIII, 3.

Mr. Albert S. Wheeler's course on Roman Law in the Law School is open to classical students under certain limitations.

The Classical Club now has a large and convenient room (the western half of the College Library of half a century ago) set apart for its use. This room is intended to become the headquarters of advanced students in classical philology. It already contains over a thousand volumes, of texts, commentaries, works on antiquities, etc., as the germ of a departmental library. The books most needed for the immediate work in the classical courses for the present year are to be found there. The Club meets every Saturday and spends that evening in reading and discussing the work of some classic author, with reports and papers in the field of Greek and Latin Philology. During the year 1894–95, the Greek Bucolic Poems and the Annals of Tacitus are the special works studied.

V. MODERN LANGUAGES AND LITERATURES

Professor LUQUIENS :—

*1. *French Literature of the XIX^th^ Century.*

3 hrs. both terms.

This course will alternate with the following (2) and be given in 1895–96, not in 1894–95.

*2 *French Literature of the XVII^th Century.* 3 hrs. both terms.

The study of French "classic" tragedy, *i. e.*, of Corneille and Racine's masterworks, and of Molière's comedies, forms the bulk of the course, but attention is given also to the works and personalities of Boileau, Lafontaine, Fénelon, Saint-Simon, etc. One hour is devoted to lectures, the others to reading or translating from the texts. The course, as far as feasible, is conducted in French, and the required work, written or oral, as well as the examinations, is mostly in that language also.

[Tuesday, Thursday, and Saturday, 10.30 A. M.]

3 *Early French Literature and Historical Grammar.* 2 hrs. both terms.

This course is to alternate with the following (4). It will be given in 1895–96, not in 1894–95.

4 *The Revival of French Literature in the XVI^th Century.* 2 hrs. both terms.

In addition to the study of the writers, Calvin, Rabelais, Montaigne, d'Aubigné, Ronsard and the *Pléiade*, Régnier, Malherbe, this course includes a brief survey of the transformations of the French language. Familiarity with modern French and with later periods in French literature is a requisite. Hatzfeld and Darmesteter's *Seizième Siècle* is used as a text book, but a great deal of reading outside of the class-room is expected.

[Wednesday and Saturday, 8.30 A. M.]

5 *French Literature of the XVIII^th Century.* 2 hrs. both terms.

This course will be given in 1895–96, not in 1894–95.

6 *French Critics and Criticism in the XIX^th Century.* 1 hr. both terms.

The study begins with Sainte Beuve and includes every critic of mark down to our days. The time is divided between lectures by the instructor and reports by the students on the work assigned to them. A general knowledge of French literature in modern times is required.

Assistant Professor LANG :—

7 *Provençal Language and Literature.* 1 hr. both terms.

This course is strictly literary and philological, and is open only to those who have made a scientific study of the language

and literature of France and Italy. The origin and growth of Provençal lyric poetry, Provençal and Romance metre, and Provençal grammar are successively studied in connection with the reading of selections from the works of the Troubadours. The text-book is Crescini's *Crestomazia provenzale*, Padova, 1892.

[Tuesday, 8.30 A. M.]

*8 *Spanish, Elementary Course.* 3 hrs. both terms.

The aim of this course is to make the student acquire a good pronunciation and to give him such practice in conversation and composition as shall make it possible to dispense more and more with the use of English in the succeeding courses.

Knapp's Spanish Grammar and Spanish Readings are used.

[Monday, Wednesday, and Friday, 9.30 A. M.]

*9 *Spanish Literature of XVI^th^ and XVII^th^ Centuries.* 1 hr. both terms.

This is a literary course open only to such students as shall have passed through the preceding course or who shall satisfy the instructor of their fitness by passing a special examination.

a. Spanish Drama. Guillen de Castro's play *Las Mocedades del Cid* (edited by E. Mérimée, Toulouse, 1890) and Select Plays of Calderon (edited by Norman Maccoll, London, 1888) are read, and lectures given on the origin and development of dramatic art in Spain.

[To be omitted in 1895–96.]

[Friday, 10.30 A. M.]

b. Spanish Fiction. Study of the Novel in the golden age of Spanish literature, based on the reading of selections from works of the sixteenth century, but especially on Cervantes' *Don Quixote* (edition of Garnier Hermanos, Paris, 1875).

[Omitted in 1894–95.]

*10 *Italian, Elementary Course.* 3 hrs. both terms.

The aim of this course is to give the student a correct pronunciation of Italian, and such a command of grammar and vocabulary as shall lead to a gradual substitution of Italian for English as a means of instruction.

[Monday, Wednesday, and Friday, 8.30 A. M.]

*11 *Modern Italian Essayists.* 1 hr. both terms.

Besides affording practice in reading the more difficult prose of the Italian essay, this course is specially intended to make

the student acquainted with some of the leading aspects of Italian life and thought in the times of Dante, to the study of whom it is considered as preparatory.

La Vita italiana nel trecento, I *Storia*, *Milano*, Fratelli Treves, Editori, 1892, will be read.

*12 *Dante's Life and Works.* 1 hr. both terms.

The editions of Fraticelli are recommended.

a. The *Vita Nuova*, the *Convito*, and the *Inferno*.

[To be omitted in 1895–96.]

[Monday, 10.30 A. M.]

b. The *Purgatorio* and *Paradiso*.

[Omitted in 1894–95.]

Assistant Professor CAMERON :—

13 *Molière: His Life and Works.* 1 hr. both terms.

(*a*) Theories of Molière's life, (*b*) Dramatic indebtedness, (*c*) Dramatic development, (*d*) Critical study, (*e*) Purpose of his social satire, (*f*) Imitators. Collateral reading.

[Monday, 10 A. M.]

Professor PALMER :—

14 *Gothic, Old High German, and Old Saxon.* 2 hrs. both terms.

An introductory course, especially for those who intend to study historically German or English.

The first half-year is given to the study of Gothic and its phonological relations to both earlier Indo-Germanic and later Germanic languages. Braune's *Gotische Grammatik* or Wright's Gothic Language Primer and Heyne's *Ulfilas*.

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*; Gallée's *Altsächsische Grammatik*; Behaghel's *Hêliand*.

[To be omitted in 1895–96.]

[Tuesday and Thursday, 8.30 A. M.]

15 *Old Norse (Icelandic).* 2 hrs. both terms.

Grammar and reading in the Eddas.

[Omitted in 1894–95.]

16 *Philosophical German.* 2 hrs. both terms.

In connection with Course I, 3, one weekly exercise of two hours in translating Wundt's *System der Philosophie.*

[Tuesday, 3 to 5 P. M.]

*17 *Scientific German.* 2 hrs. both terms.

Rapid reading of extracts and monographs treating of subjects in natural science. The object of the course is to introduce the student to the more general vocabulary of modern scientific German.

[Wednesday and Friday, 11.30 A. M.]

*18 *Schiller, Works and Life.* 2 hrs. both terms.

Rapid reading of poems, plays, and prose writings of Schiller, with study of his life.

[Monday and Friday, 10.30 A. M.]

*19 *Goethe, Works and Life.* 3 hrs. both terms.

After an outline study of Goethe's life and development in connection with his lyric poems, his early prose writings, and his principal dramas, particular attention is given to Faust i and ii, the later prose works, and Goethe's important utterances in letters, journals, and conversations.

[Monday, Wednesday, and Friday, 9.30 A. M.]

*20 *History of German Literature, 1648–1832.* 2 hrs. both terms.

The development of German literature is studied from the close of the Thirty Years' War to Goethe's death. The text-books are: Kluge's *Geschichte der Deutschen National-Litteratur*, Scherer's History of German Literature, Max Müller's The German Classics, and Hillebrand's German Thought from the Seven Years' War to Goethe's Death.

[Omitted in 1894–95.]

Assistant Professor GRUENER :—

21 *Middle High German :—* 2 hrs. both terms.

Hartmann von Aue. *Nibelungenlied.* Selected poems of Walther von der Vogelweide. Lectures and papers.

[Monday, 2 P. M., and Wednesday, 8.30 A. M.

*22 *Historical and Critical Prose.* 2 hrs. both terms.

A course in rapid reading of selections from historical and political writings, and from literary criticism.

Professor LOUNSBURY :—

23 *The English Literature of the XIV^th^ Century.*

Professor BEERS :—

24 *English Literature.* 2 hrs. both terms.

The history of English Romanticism from Thomson to Swinburne (1726–1890), with incidental study of the parallel movements in Germany and France. The instruction is given mainly by lectures.

This is an undergraduate course, but additional reading is required of graduate students, and special topics assigned them for thesis work.

[Thursday, 3 P. M., and Friday, 5 P. M.]

25 *The Restoration and the Classical Age, (1660–1745).*

The course is intended only for graduate students, who meet for instruction once a week to discuss and report upon assigned portions of the writings of Dryden, Etherege, Wycherly, Vanbrugh, Farquhar, Congreve, Buckingham, Milton, Bunyan, Butler, Otway, Cowley, Swift, Prior, Addison, Pope, Steele, Parnell, Gay, DeFoe, etc. Diaries, memoirs, and histories of the period are also in part examined.

Professor COOK :—

The strictly graduate courses offered below are given according to circumstances and the needs of the graduate students actually in attendance; but special attention is given to the supervision of individual research along these and similar lines.

26 *Theories of Poetry.* 2 hrs. 2d term.

A course in the theories of poetry in general, and in the principles of criticism applicable to its various departments, as the epic, dramatic, and lyric. Discussions and papers on the basis of standard works, such as Aristotle's Poetics, Sidney's Defense of Poesy, Addison's Criticisms on Paradise Lost, Boileau's Art of Poetry, Lessing's *Laokoon*, and others of similar character.

27 *Old English Poetry.* 1 hr. 1st term.

The texts used are *Judith* (Cook's edition), *Elene* (Kent's edition), and The Battle of Maldon (Sweet's Reader). These are

read, their place in the literature examined, and questions of authorship, date, and textual criticism discussed. TenBrink's and Wülcker's Histories of Old English Literature are constantly used for reference.

[Wednesday, 3.30 P. M.]

28 *Old English Grammar.* 1 hr. 2d term.

An exhaustive grammatical examination of some prose text is made, on the basis of Cook's Phonological Investigation of Old English and edition of Sievers' Grammar for Phonology, of the latter for Inflection, and of March's Grammar for Syntax.

29 *Historical English Prosody.* 1 hr. 1st term.

Schipper's *Englische Metrik* is adopted as the basis of study, but reference is made to the discrepant views of other authorities. [Omitted in 1894–5.]

30 *Middle English Grammar.* 1 hr. 2d term.

An outline of Middle English Phonology and Inflection is given by means of lectures, and the knowledge thus gained is applied in a grammatical study of Chaucer, on the basis of ten Brink's *Chaucer's Sprache und Verskunst.*

31 *Seminary in Ben Jonson.*

A study of the language, versification, sources, dramatic art, and influence of Ben Jonson.

[Alternate Mondays at 7.30 P.M.]

*32 *History of English Literature.* 2 hrs. both terms.

An outline of the subject, on the basis of Brooke's Primer, Taine, Morley's First Sketch, and tenBrink's Early English Literature, with considerable reading of English authors at first hand. Frequent preparation of brief papers on assigned topics. [Omitted in 1894–95.]

*33 *Old and Middle English.* 2 hrs. both terms.

An elementary course in the beginnings and earlier development of the English language and literature. The first term is devoted to Cook's First Book in Old English. In the second term this is followed by more difficult Old English texts, and by the reading of selections from Chaucer and other Middle English writers for linguistic purposes.

[Wednesday and Friday, 9.30 A. M.]

*34 *Tennyson.* 2 hrs. 1st term.

Critical study of selected poems. Tennyson's theory of life, literary art, and place among the poets of this century. Comparative readings in other authors, and frequent preparation of brief papers on assigned topics. [Omitted in 1894–95.]

*35 *Shakespeare.* 2 hrs. 2d term.

Critical study of a few selected plays. The Leopold edition of Shakespeare; Moulton's Shakespeare as a Dramatic Artist; Schmidt's Shakespeare-Lexicon; annotated editions of single plays, etc. Frequent preparation of brief papers on assigned topics. [Omitted in 1894–95.]

*36 *English Essayists.* 2 hrs. 2d term.

Study of the opinions and style of selected prose authors, ranging from the Elizabethan era to the present. Frequent preparation of brief papers on assigned topics.

[Omitted in 1894–95.]

*37 *Bacon.* 2 hrs. 1st term.

Bacon's Essays and Advancement of Learning. Study through paraphrase and amplification. Bacon's character, opinions, and style. His place in Elizabethan literature. Frequent preparation of brief papers on assigned topics.

[Wednesday and Friday, 11.30 A. M.]

*38 *English Political Orators.* 2 hrs. 1st term.

Study of English Parliamentary orators of the eighteenth and nineteenth centuries, particularly of Burke. Comparison of English with American political orators.

[Monday and Wednesday, 12.30 P. M.]

*39 *Browning.* 2 hrs. 2d term.

Critical study of selected poems. Browning's theory of life, literary art, and place among the poets of this century. Comparative readings in other authors, and frequent preparation of brief papers on assigned topics.

[Wednesday and Friday, 11.30 A. M.]

*40 *American Literature.* 2 hrs. 2d term.

Study of selected authors, such as Emerson, Hawthorne, and Lowell, with outside reading in authors or works not undertaken in class.

[Monday and Wednesday, 12.30 P. M.]

Dr. PHELPS :—

41 *The Elizabethan Drama.* 2 hrs. both terms.

A purely literary course in the English drama, from the Mystery plays to the closing of the theatres in 1642. Plays from all the chief Elizabethan dramatists (except Shakespeare) are read: Marlowe, Ben Jonson, Dekker, Middleton, Heywood, Beaumont and Fletcher, Webster, Ford, Massinger, Shirley.

[Tuesday and Saturday, 10.30 A. M.]

The Modern Language Club, formed of instructors and students in the departments of English, Romance Languages, and German, holds its regular meetings on the second Saturday evening of each month for the reading and discussion of original papers and for reports of progress in the field of these studies.

VI. NATURAL AND PHYSICAL SCIENCE

Professors BRUSH, PENFIELD, and PIRSSON :—

1 *Mineralogy.*

Laboratory work and blowpipe analysis and the simple chemical methods for testing minerals. Laboratory work in determinative mineralogy. Lectures in descriptive mineralogy, on Thursday, at 2.30 P. M. Lectures in crystallography, supplemented by practical work in the measurement and calculation of crystals, and the determination of their optical and physical properties.

Opportunities are offered to those who are qualified to pursue original investigations in mineralogy and crystallography.

2 *Lithology (including Microscopical Petrography).*

History, origin, and classification of igneous rocks. Metasomatic and dynamic changes, including effects of dynamometamorphism. Laboratory methods of determination and study, chemical and microscopical. Field excursions are offered from time to time. The work is carried on mostly in the laboratory, with access to collections, and the course is open only to those whose previous training in mineralogy and geology has been sufficient to enable them to pursue the subject advantageously.

3 *Elementary Structural and Dynamical Geology.* 3 hrs.

[Monday, Wednesday, and Friday, 8 A. M.]

Professor WILLIAMS :—

4 *Historical Geology and Palaeontology.*

The study of fossils in the laboratory, and with field work so far as practicable, (1) as means of determining and classifying geological formations, (2) as evidence of the relations of organisms to their environment and of their evolution in the past.

For this course previous study in Zoology is necessary as preparation ; and for those who wish to take the course, and are not sufficiently well prepared in this direction, preliminary work in the zoology of living forms is planned.

Instruction is given also by informal lectures and the assignment of courses of reading of geological literature bearing upon the problems under investigation.

The number of hours and the specific line of study are arranged by the instructor upon consultation in each case.

*5 *Geology* (*general course*). 2 hrs. both terms.

A general course on the principles of geological science, in which Dana's Manual is used as text-book. Some parts of the subject presume an acquaintance with the principles of Chemistry and Physics, and those who have not already studied these subjects do well to elect them before taking this course. Historical geology is studied chiefly from a geological standpoint.

[Tuesday and Thursday, 9.30 A. M.]

*6 *The Geological History of Organisms.* 3 hrs. both terms.

In this course Historical Geology is studied from a biological point of view. The nature of organisms, the principles of classification in Natural History, and theories regarding the evolution of organisms are discussed by means of lectures. Instruction is given also by laboratory exercises, the use of the historical part of Dana's Manual and other literature, and the preparation of theses.

[Monday, Wednesday, and Friday, 9.30 A. M.]

*7 *Geology* (*advanced course*).

This course is provided for men who wish to gain a practical knowledge of the science, and who have already taken course *5 in Geology ; and have also studied Chemistry, Physics, and Mineralogy. The exercises consist of excursions during the fall and spring, laboratory work in the study of materials and of notes made in the field, and the preparation of reports with collateral reading. The hours, both as to amount and time in the week, are arranged by the instructor.

Professor BREWER :—

*8 *Physical Geography.* 2 hrs. both terms.

This course of lectures includes the elements of dynamical geology and of natural history, so far as is necessary for an understanding of the physical geography of the globe and the distribution of species.

[Tuesday, Wednesday, and Thursday, 5 P. M.]

[For a course in Physical Geography in its relation to political history, see Political and Social Science, 18.]

Professor E. S. DANA :—

*9 *Mineralogy and Crystallography.* 2 hrs. both terms.

Practical study of mineral species by means of blowpipe analysis and other methods ; mathematical study of crystals by the methods of analytical and spherical trigonometry, as also of their optical properties. The time is divided about equally between the two parts of the subject ; the practical exercises are prolonged to cover two hours when but little outside preparation is called for.

*10 *Descriptive Mineralogy.* 1 hr. both terms.

Advanced course in the study of mineral species.

Assistant Professor BEECHER :—

11 *Invertebrate Palaeontology.* Daily, 11 A. M., both terms.

1. The study of extinct faunas by means of collections of fossils from typical localities.

2. Systematic study of the structure, development, and affinities of one or more classes of fossil animals.

In the laboratory work, attention is given to modern methods of preparation and preservation of specimens. Open to those who have some previous knowledge of geology and zoology.

3. Original investigation. Following 1 and 2, an opportunity is given to take up some special subject for investigation and the discovery of facts new to science. The requisite material is available in the collections in the Peabody Museum. The work necessitates the frequent consultation of memoirs and scientific reports, occasional field work, the use of the microscope, the preparation of thin sections, and other methods employed in practical investigation.

[Courses 1 and 2: Laboratory work, three days per week, 2–5 P. M. Course 3: Laboratory work, three days per week, 2–4 P. M.]

Professor A. W. WRIGHT :—

*12 *Physics.* 2 hrs. both terms.

First-year course. Two exercises each week, chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

[Monday, Tuesday, Wednesday, and Thursday, 10 A. M. to 12 M.]

13 *Physics (Advanced course).*

Practical work in the Sloane Physical Laboratory, with instruction in the principles and methods of physical investigation, the processes and instruments of measurement, and the methods of computing and reducing results of observations. Special attention is paid to practical measurements in optics, electricity, and magnetism. The student is expected to make original investigations an important part of his work, and has the free use of the laboratory facilities for carrying them on.

For those who have already pursued course 11 or its equivalent.

Professor HASTINGS :—

14 *Physics.*

Laboratory work, supplemented by lectures on the theory of observation, with the method of least squares. Each year, some special department of physics is selected for detailed treatment in a course of lectures and conferences. Lectures on the theory of electricity and electrical instruments occupy six months. The use of the laboratory is at the command of the student at all times.

[For a course in Mathematical Physics, see Pure and Applied Mathematics, 8.]

Professor JOHNSON :—

*15 *The Chemical Physiology of Vegetation.* 2 hrs. 1st term

The composition and vital processes of commonly cultivated plants.

[Wednesday, 4 P. M., and Friday 12 M.]

*16 *Agricultural Chemistry.* 2 hrs. 2d term.

The atmosphere, water, and soil, in their relations to farm crops; tillage; fertilizers; rotation of crops; irrigation; dairy chemistry; stock-feeding.

Professor GOOCH :—

*17 *Experimental Inorganic Chemistry.*

3 exercises both terms.

Practical laboratory work, lectures, and written exercises. An introduction to elementary chemical theory, the use of symbols and formulae, and the descriptive study of the elements and their compounds.

[Monday, Tuesday, Thursday, and Friday, 2 to 3.50 P. M., and Wednesday, 3–5 P. M.]

*18 *Experimental Organic Chemistry.* 3 exercises both terms.

An introduction to the study of the compounds of carbon. Laboratory work with lectures. Open only to those who have previously covered the ground of course 17.

[Tuesday and Thursday, 9.30 A. M. to 12.20 P. M.]

*19 *Qualitative Chemical Analysis.* 3 exercises both terms.

Laboratory practice in the ordinary processes of qualitative analysis, with lectures. Open to those who have previously covered the ground of course 17.

[Monday, Wednesday, and Friday, 9.30 to 11.20 A. M.]

*20 *Quantitative Chemical Analysis (Elementary).*

3 exercises both terms.

Laboratory practice in the simpler methods of volumetric and gravimetric quantitative analysis. Open to those who take course 19, or have taken it previously.

[Tuesday and Thursday, 2 to 5 P. M.]

21 *Quantitative Chemical Analysis (second course).*

3 exercises both terms.

Practice in the more complex or special processes of gravimetric, volumetric, and electrolytic analysis.

22 *Theoretical Chemistry.* 1 hr. both terms.

The reading and discussion of modern theories and current chemical doctrines. Open to students who have had sufficient preliminary training.

[Monday, 11.30 A. M.]

23 *Original Work and Research.*

(*a*) The study of special problems of *analytical chemistry*—either experimental criticism of known processes or constructive work looking toward the development of new methods.

(*b*) The study of original problems of *inorganic chemistry*—either the critical examination of reactions or the synthesis of compounds.

[Laboratory hours: 8.30 A. M. to 1 P. M., and 2 to 5.30 P. M., daily.]

Professor WELLS:—

ANALYTICAL CHEMISTRY.

The analytical laboratories are open to students in term time from 9 to 1 and from 2 to 5 o'clock, every week-day except Saturday. The greater part of the instruction is given in the laboratory to each student separately, but the various classes have, in addition, one or two familiar lectures or recitations a week, in connection with the studies pursued in the laboratory.

*24 *Qualitative Analysis.* 1st term.

Embraces a study of the commonly-occurring elements in their qualitative relations, and includes a systematic course of analysis for the same. A good knowledge of elementary chemistry is a necessary preparation for this. If desired, the course is extended to include a study of many of the rare elements.

[Laboratory work: Monday to Friday, 9 A. M. to 1 P. M., and 2 to 5 P. M. Lectures and Recitations: Thursday and Friday, 5 P. M.,—occasionally at 12 M.]

*25 *Quantitative Analysis.*

This is open only to those who have taken course 24 or its equivalent.

(a) *Gravimetric Analysis.* Second term. Embraces a series of exercises involving a considerable number of important methods.

(b) *Volumetric Analysis.* First term. This follows the gravimetric analysis. It includes the most important and typical methods.

(c) *Ultimate Organic Analysis.* First term.

25*a* *Inorganic Preparations.* last half of 2d term.

This course gives a few weeks' practice at working upon a rather large scale. It illustrates a number of important chemical reactions and includes the preparation of certain important commercial products.

26 *Advanced Quantitative Analysis.*

(a) *Metallurgical Chemistry.* The analysis of ores, fuels, fluxes, alloys, metals, and other furnace products.

(b) *Mineralogical Chemistry.* The analysis of minerals for scientific purposes.

*27 *Metallurgy and Assaying.* last half of 2d term.

A course of lectures on elementary metallurgy, followed by a short course of demonstrative lectures on gold and silver assaying, with the practical application of assaying to a few typical ores.

*28 *Technical Gas Analysis.* last half of 2d term.

A short practical course, including the principal methods.

29 *Investigations in Inorganic Chemistry.* both terms.

Opportunities are offered to those who have had sufficient preparation to make researches on analytical methods, in the preparation and investigation of chemical compounds, and other scientific problems.

Professor EATON :—

30 *Systematic Botany (Phaenogams).*

Opportunities are offered to graduates who have already some considerable acquaintance with Flowering Plants to pursue advanced studies in the North-American flora, with regard to the identification, description, and distribution of species, and the arrangement of genera and orders. This work is conducted in Professor Eaton's private herbarium, which contains large collections of plants and an ample botanical library.

*31 *Pteridology and Bryology.* 2 hrs. both terms.

This course begins with practical work in the dissection and examination of vegetable tissues, with special reference to the structure of ferns and mosses. After some facility has been gained in this kind of work, the time is devoted to the examination of as many mosses as possible, with a view to becoming acquainted with the genera and with a large number of species. Those who take this course are expected to devote considerable

time to field-work and to making collections for their own use. The course is limited to those who have taken a preliminary course in the study of flowering plants.

[Tuesday and Thursday, 2–4 P. M.]

Dr. SETCHELL :—

32 *Microscopic Anatomy of Phaenogamous Plants.* 3 hrs. 1st half-year.

Laboratory practice, lectures, and reading.

The cell-structure of the several divisions of Phaenogamous Plants will be studied in suitable types. Special attention is given to Cytology and the details of the processes of reproduction.

33 *Elementary Vegetable Physiology.* 3 hrs. 2d half-year.

Laboratory practice, lectures, and reading.

34 *Morphology and Development of the Cryptogamous Plants.* 3 hrs. both terms.

Laboratory practice, lectures, and reading.

Types of the various groups of Cryptogams are studied in the laboratory, and their structure, development, and relationships discussed in informal lectures.

35 *Mycology and Phycology.* 3 hrs. both terms.

Laboratory practice and reading. Intended for students who desire to study some special groups of the lower cryptogams as regards the identification, distribution, and economic value of the different species.

Professor VERRILL :—

36 *Zoology.*

Laboratory practice, recitations, readings, and lectures. The laboratory work is varied according to circumstances, in order to accommodate, as far as possible, those students who wish to pursue special branches. A large part of the time is usually devoted to comparative anatomy, morphology, and systematic zoology. Ample collections in the Peabody Museum, representing all classes of animals, are available for instruction, while the proximity to the sea makes it easy to provide fresh or living examples of most classes of marine animals for study and dissection.

[Tuesday, Wednesday, Thursday, and Friday, 10 A. M. to 12 M.]

Professor S. I. SMITH :—

*37 *Elementary Anatomy and Histology.* 4 hrs. 1st term.

Four exercises, of a minimum of two hours each. Laboratory work and informal lectures. The time is devoted principally to dissections of the frog, and work with the microscope on the lower plants and animals, and in vertebrate histology, with special reference to the rudiments of biology and the elements of the morphology of animal tissues. The student is required to make microscopical preparations, keep careful records of his work, and pass frequent examinations.

[Monday and Friday, 2 to 4 P. M.; Tuesday and Thursday, 3 to 5 P. M.]

*38 *Comparative Anatomy and General Biology.* 6 hrs. 2d term.

An elementary course similar to the last, but more extended. The anatomy and histology of the higher animals are studied in more detail, microscopical preparations of the principal tissues and organs are made and examined, the general principles of the morphology of the tissues are illustrated, and the student is specially drilled in distinguishing the different tissues under the microscope. Near the end of the term, instruction in embryology, with special reference to human morphology, is given by a short course of lectures.

39 *Comparative Anatomy and General Biology.*

Graduate students, who have had sufficient elementary training, are received in the Sheffield Biological Laboratory and are provided with special advanced courses of instruction adapted as far as possible to the particular wants of the individual student. Such courses may cover either or both terms and require at least three hours of laboratory work per day for two or more days each week. To such students the laboratory is open five days a week.

Professor CHITTENDEN :—

40 *Physiological Chemistry and Physiology.*

Graduate students having sufficient knowledge of analytical and organic chemistry and elementary physiology are received into the Sheffield Biological Laboratory at the beginning of the academic year, where they can pursue a course in physiological chemistry, physiology, and toxicology, extending throughout the entire year. The course necessitates, on an average, four hours of laboratory work per day, and attendance on lectures

and recitations three or four times per week. Opportunities are also afforded for the carrying on of original investigations, either in physiological chemistry or in experimental toxicology, and to students qualified for such work the laboratory is open during the entire day.

Students desirous of studying any special subject in physiological chemistry and having but a limited amount of time are also received, provided they are qualified by previous work to pursue the study advantageously. Opportunity is likewise afforded for experimental work in certain lines of pure Physiology.

[Tuesday, Wednesday, and Saturday, 9 A. M. to 1 P. M; Thursday and Friday, 9 A. M. to 1 P. M., and 2.30 to 5 P. M.]

*41 *Physiology.* 1 hr. both terms.

Huxley's Lessons in Elementary Physiology, with occasional lectures and illustrative experiments.

*42 *Physiological Chemistry.* 4 hrs. 2d term.

Four exercises a week, of a minimum of two hours each, in the laboratory of physiological chemistry. The time is devoted mainly to a study of the chemistry of the connective, contractile, and nerve tissues, of the chemical processes of salivary, gastric, and pancreatic digestions, and so far as the time allows, of other subjects connected with the physiology of nutrition and the chemistry of the excretions.

The student must bear the expense of gas, flasks, etc., which should not exceed ten dollars.

Dr. WAKEMAN :—

*43 *Advanced Descriptive and Theoretical Chemistry.* 3 hrs. both terms.

Recitations. Mendeléeff's Principles of Chemistry is used as a text-book.

[Monday, Wednesday, and Friday, 8 A. M.]

*44 *Physical Methods used in connection with Chemistry.* both terms.

Laboratory work. Among the subjects taken up are vapor density, electrical conductivity, molecular-weight determination by the methods of Raoult and Beckmann, and the use of the spectroscope, polariscope, and refractometer. Ostwald's *Lehrbuch der Allgemeinen Chemie* is used as a basis of systematic reading.

Mr. HOWE:—

*45 *Organic Chemistry, Paraffin Series.* 2 hrs. both terms.
Recitations supplemented by lectures and a little laboratory work.
[Monday and Tuesday, 3 P. M.]

*46 *Organic Chemistry, Aromatic Series.* 2 hrs. 1st term.
This follows the preceding course and is similarly conducted.
[Thursday and Friday, 3 P. M.]

*47 *Organic Preparations.* 1st half of 2d term.
Laboratory work, consisting of five exercises per week of about three hours each in the preparation of such compounds as will give familiarity with the most important synthetical methods.

*48 *Theoretical Organic Chemistry.* 3 hrs. 1st half of 2d term.
This course is given in connection with organic preparations. Recitations. Hjelt's General Principles of Organic Chemistry is used as a text-book.

49 *Advanced Organic Chemistry.* both terms.
This offers an opportunity for more extended study and original investigation to those who have taken the preceding courses or their equivalent.
[Monday to Friday, inclusive, 9 A. M. to 12 M.]

VII. PURE AND APPLIED MATHEMATICS

Professor NEWTON:—

1 *Analytical Statics: Dynamics of a Particle and of a System of Particles.*

*2 *Integral Calculus and Mechanics.* 3 hrs. both terms.
Mean values and probability; differential equations; analytical statics and dynamics.
[Monday, Wednesday, and Friday, 11.30 A. M.]

*3 *Shooting Stars and Meteors.* 1 hr. both terms.
The mathematical theories of these bodies, and the treatment of the observations of them.
[Tuesday, 11.30 A. M.]

Professor CLARK :—

4 *Determinants and Differential Equations (successively).* 2 hrs. both terms.

The short courses in the above subjects are designed especially for the graduate students in the departments of Engineering in the Sheffield Scientific School, whose time is mainly occupied with work in those departments.

[Wednesday and Saturday, 10 A. M.]

Professor GIBBS :—

5 *Vector Analysis.* 2 hrs. 1st term.

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

[Monday and Wednesday, 3 P. M.]

6 *Vector Analysis.* 2 hrs. 2d term.

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed as an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

7 *Miscellaneous Applications of Vector Analysis.* 1 hr. both terms.

These applications are to such subjects as :—the theory of curvature, surfaces of the second degree, the fundamental principles of hydrodynamics, and elliptic and parabolic motion.

[Thursday, 3 P. M.]

8 *Electro-Magnetic Theory of Light.* 2 hrs. both terms.

This course commences with the general theory of harmonic motion and its representation by complex scalar and vector quantities. The laws of electrodynamics are then applied to the phenomena of the propagation of light in isotropic and aeolotropic media, and its reflection at a surface between two such media, with the dispersion of colors. This course is supplementary to one on Electricity and Magnetism (based on Maxwell's Treatise) given in the year 1893–94, which will not be repeated until the year 1895–96.

[Tuesday and Friday, 2.45 P. M.]

9 *Dynamics and Thermodynamics.* 1 hr. both terms.

This course commences with the demonstration of the most general forms of the laws of motion as given by Lagrange and Hamilton, and then proceeds to the application of the theory of probabilities to molecular mechanics, so as to deduce the motions of temperature and entropy, and the second law of thermodynamics. It is supplementary to one given in the preceding year, relating to the consequences which may be derived from the two fundamental laws of thermodynamics.

[Monday, 10 A. M.]

In the year 1895–96, in addition to the courses 5 and 6 in vector analysis, and the course in electricity and magnetism mentioned above, the following will probably be given:

10 *Multiple Algebra.* 1 hr. both terms.

The object of this course is to give some idea of the methods and results of the principal non-arithmetical algebras, especially of the *Ausdehnungslehre* and the algebra of matrices. It is intended for such students as have already some familiarity with the algebra of vectors, derived from the preceding courses or from the study of quaternions.

Professor C. B. RICHARDS:—

MECHANICAL ENGINEERING.

This course, arranged for candidates for the degree of Mechanical (or Dynamical) Engineer, is open also to special graduate students, who are allowed in certain cases to take selected parts. The leading topics are:

11 *Applied Mechanics.*

Including graphical methods in applied kinematics, and in the investigation of mechanisms working with friction; graphical determinations of the accelerations of the moving parts of machines; the strength of materials as affecting the proportions of machine elements; the applications of the principles of hydraulics to the construction and working of turbines and pumps.

12 *Thermodynamics.*

Applications to the compound steam-engine, air compressors and compressed air motors, engines worked by volatile vapors, refrigerating machines, the warming and ventilation of buildings.

13 *Machine Design.*

In this course the student is engaged in practical exercises under the guidance of the professor in charge, investigating machinery, the designing and making of working-drawings, specifications, and estimates for machines and manufacturing plant. In addition to the study of machines in general, either of the following subjects (at the option of the student) receives particular attention: (*a*) Marine engineering; (*b*) Railway machinery; (*c*) Pumping machinery and plant; (*d*) Machinery and plant for manufacturing. The student is required to make complete drawings, from new designs, of at least one important piece of machinery under one of these subjects. A compound marine engine and boilers, a locomotive, a turbine, driving centrifugal pumps, a blowing-engine for an iron furnace, are examples.

Candidates for the degree of Mechanical Engineer are required to take also a course in mathematics, to sustain a final examination, and to present a satisfactory thesis on a subject approved by the professor in charge of the course.

A course in applied electricity, and, when the facilities of the physical laboratory permit, a course of laboratory work under the superintendence of the professor in charge; also, lectures on Industrial Legislation and Finance, and lectures on the higher Mathematics, are open to all students in this course.

Professor DuBois :—

Civil Engineering.

This course offers instruction for advanced graduate students as well as for those students who may be regular candidates for the degree of Civil Engineer.

It embraces the following topics :

14 *Mechanics applied to Engineering.*

Including the application of kinematics, statics, and kinetics to engineering problems.

15 *Construction and Design.*

Including the strength and properties of materials, construction and design of bridges, roofs, foundations, retaining walls, dams and embankments, masonry, arches, sewerage and drainage, improvement of rivers and harbors, specifications and contracts, and the preparation of designs and working-drawings.

Candidates for the degree of Civil Engineer are required to take, in addition, a selected course in mathematics, practical astronomy, and when the facilities in the physical laboratory

permit, a course of laboratory work, under the superintendence of the professors in charge. They are also required to sustain a final examination, and to present a satisfactory thesis accompanied by appropriate designs, upon a subject approved by the professor in charge of the course.

To special students, not candidates for the degree of Civil Engineer, a selection of special topics is allowed. The lectures of the Department upon Railroad Administration, Industrial Legislation, and Finance, and upon the higher Mathematics, are open to all the students in this course.

Assistant Professor BEEBE :—

*16 *Descriptive Astronomy.* 3 hrs. 1st half-year.

Intended principally for the study of topics connected with the historical and physical side of Astronomy. Only so much mathematical work is introduced as is essential to an understanding of such topics. Text-book: Young's Elements of Astronomy.

It is intended to offer occasionally in place of the usual recitation an hour for study of constellations and observation with the telescope.

[Monday, Wednesday, and Friday, 10.30 A. M.]

*17 *Surveying.* 3 hrs. 2d half-year.

One, or sometimes two, hours per week are given to recitations. The other exercises are in field or office work during the afternoons, each exercise usually occupying not less than two hours.

Field-Work: the ordinary operations of land surveying, leveling and elementary topography, involving the use of the chain, compass, surveyor's level, transit, and plane table.

Office-Work: platting surveys from field notes; determination of areas from the map and by numerical calculation; map-drawing, plane and topographical; construction of verniers and examination of instrumental errors.

Text-book: Johnson's Surveying.

*18 *Practical Astronomy.* 2 hrs. first half-year.

Observatory work with astronomical transit and chronograph for determination of sidereal and standard time; and with sextant and theodolite for determination of latitude and azimuth. Numerical computations for reduction of observations. Derivation of formulae. Recitations from Loomis's Practical Astronomy.

[Tuesday and Thursday, 10.30 A. M.]

Professor PHILLIPS :—

19 *Curves and Cones.* 2 hrs. both terms.

Discussion of equations of the second and third degrees. The first half of Salmon's Conic Sections and Newton's Lines of the Third Order are studied. Method of tracing curves by the intersection of mathematical surfaces.

[Wednesday and Saturday, 9.30 A. M.]

*20 *Analytical Geometry.* 2 hrs. both terms.

A continuation of the course in the plane and solid Analytical Geometry of Sophomore year, including the use of determinants and trilinear coördinates; methods of tracing algebraic and transcendental curves; study of machines for tracing curves and of models of mathematical surfaces. Newcomb's Analytical Geometry is used as the basis of instruction. This is supplemented by lectures.

[Tuesday and Friday, 9.30 A. M.]

Assistant Professor I. FISHER :—

*21 *Theory of Numbers.* 2 hrs. both terms.

Arithmetical notations and processes. General properties of prime numbers. Congruences. Quadratic forms. Applications to arithmetic, geometry, etc.

Mr. BOWDEN :—

*23 *Algebra.* 2 hrs. both terms.

The more modern subjects, such as are contained in Salmon's Higher Algebra or Burnside and Panton's Theory of Equations.

[Tuesday and Thursday, 10.30 A. M.]

Dr. PIERPONT :—

24 *Theory of Functions.* 2 hrs. both terms.

The object of this course is to develop the fundamental conceptions and methods of the theory of functions of a complex variable. The principal topics will be: Riemann Surfaces for multiform functions; Reduction of multiply connected surfaces to simply connected surfaces; General properties of functions and their integrals in single- and many-valued regions; Double periodic functions; Applications of the methods of the theory of functions to deduce the fundamental properties of the ϑ and elliptic functions.

[Tuesday and Thursday, 4 P. M.]

25 *Theory of Substitutions.* 2 hrs. both terms.

This course consists of two parts. The first part treats of groups of substitutions, their transitivity, primitivity, and factors of composition, and of the correspondence between groups and rational functions. The second part is an exposition of the Galoisian theory of algebraic equations and its applications to various classes of equations.

[Monday and Wednesday, 4 P. M.]

The Mathematical Club holds fortnightly meetings, at which are presented sketches of the history of mathematical development and inventions, summaries of articles in the current periodicals and other publications in pure and applied mathematics, descriptions and models of new apparatus, together with the original investigations of the instructors and advanced students in this department of study.

VIII. THE FINE ARTS

Professor WEIR :—

1 *Technical Course in Painting.* 2 hrs. both terms.

This course consists of two exercises a week of two hours each. The course consists principally of studies in water-color painting, and includes lectures on the grammar of art, on painting, sculpture, and architecture, technically considered, with a critical account of the various schools and their representative masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

2 *Course in Modeling.* 2 hrs. both terms.

Two exercises a week of two hours each. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 1.

Professor HOPPIN :—

3 *History of Art.* 1 hr. 2d term.

At the beginning of the course some introductory lectures are given on Egyptian art, and recent archaeological discoveries in Egypt.

The whole course for the current year comprises the history of the dawn of the Christian idea in art, and the origin of modern art in Italy and Europe, with the history of Byzantine art, and the rise of Saracenic architecture.

Lectures on any particular topic of Greek art, of special importance to classical students, such as Doric architecture, may be given.

One lecture is given each week, on Tuesday, at 3 P. M.

The lectures are illustrated by the use of the hydro-oxygen lantern.

Professor NIEMEYER :—

4 *Course in Drawing.* 2 hrs. both terms.

This course consists of two exercises a week of two hours each in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in linear perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

[Tuesday and Thursday, 2 to 4 P. M.]

IX. MUSIC

For more detailed information with regard to the courses of the Musical Department, see pp. 92 ff.

Professor PARKER :—

*1 *Harmony.* 2 hrs. both terms.

The study of chords, their construction, relations, and progressions.

[Monday and Thursday, 2 P. M.]

*2 *Counterpoint.* 2 hrs. both terms.

The work will be harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

Students in this course are encouraged to try the simpler forms of free composition.

[Monday and Thursday, 3 P. M.]

*3 *Strict Composition.* 2 hrs. both terms.

The more severe kinds of composition will form the basis of work in this course. This course is preparatory to course 6.

4. *The History of Music.* 1 hr. both terms.

Lectures on the development of music from its earliest stages. Practical illustrations of the lectures on musical form will be given in the class-room.

[Wednesday, 5 P. M.]

*5. *Instrumentation.* 2 hrs. both terms.

[Tuesday and Friday, 3 P. M.]

6. *Free Composition.* 2 hrs. both terms.

Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student will be required to produce an extended work, probably in sonata form.

Professor SANFORD :—

7. *Practical Music.*

A limited number of selected students in the above courses in the theory of music are instructed in the art of playing the piano-forte and the organ. A fee of $25 will be charged.

X. PHYSICAL CULTURE

Drs. SEAVER and ANDERSON :—

2 hrs. both terms.

This undergraduate course is designed for those who intend to teach physical culture or to direct departments of physical education in institutions of learning. The work comes under two general branches as follows :

Dr. SEAVER :—

*1 *Physiology.* 1 hr. both terms.

This work consists of one recitation a week during the year. The first term is devoted to sanitary science and elementary physiology. The second term is devoted to human physiology ;

special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied.

[Wednesday, 12.30 P. M.]

Dr. ANDERSON :—

*2 *Theory of Gymnastics.* 1 hr. both terms.

Under this head are discussed : (*a*) the scientific basis of physical training ; (*b*) history of gymnastics and growth of the various systems ; (*c*) means employed, such as apparatus and appliances ; (*d*) physical examinations and measurements ; (*e*) pedagogy of gymnastics ; (*f*) practice in teaching gymnastics.

[Wednesday, 1.30 P. M.]

Three hours a week are required in special gymnastic drill.

Students electing this course are expected to take both theory and practice.

SCHOOL OF THE FINE ARTS

COUNCIL

The Council of the School consists of the President of the University, the permanent officers of the School, and four members by election: Donald G. Mitchell, LL.D., Edward E. Salisbury, LL.D., J. Davenport Wheeler, PH.B., and William W. Farnam, M.A.

FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

JOHN F. WEIR, N.A., M.A., *Director, and Professor of Painting and Design*

JAMES M. HOPPIN, D.D., *Professor of the History of Art*

JOHN H. NIEMEYER, M.A., *Professor of Drawing*

JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*

————, *Instructor in Architecture*

GEORGE H. LANGZETTEL, *Librarian and Clerk, and Assistant in Drawing*

MILES A. POND, PH.B., *Assistant in Drawing*

ORGANIZATION AND COURSE OF STUDY

The School aims to provide thorough technical instruction in the Arts of Design, viz: Drawing, Painting, Sculpture, Architecture, and Copperplate Etching; and to afford a knowledge of such branches of learning as relate to the Philosophy, History, and Criticism of Art. As a professional School of Art the aim is to furnish a thorough course of study in the practice of the studios, and as a department of the University to provide instruction in the Fine Arts as a constituent part of a scheme of general culture. These departments, of Practice and Criticism, may be regarded as distinct or correlative.

THE TECHNICAL COURSE

The technical instruction, for professional students, is based upon methods well adapted to discipline the faculties and ground the pupil in the elements and fundamental principles, which constitute a grammar of Art, as a foundation for all forms of special application. This instruction is arranged as follows:

IN DRAWING, the work is distributed over a three years' course. During the first year the practice of the studio is confined to drawing from the "Antique," from plaster casts; during the second year, to drawing from casts and the living model; and during the third year, to drawing from the living model, nude and draped. The classes under the supervision of the Instructor in this department are the antique, portrait, nude-model, and sketching classes. Students showing the requisite proficiency in any class, will be advanced to the work of the second or third year according to individual ability. Instruction in this department precedes all special courses in the various branches of Art; no pupil is allowed to enter any of the advanced classes without this necessary qualification in that degree of proficiency which is deemed essential as a preliminary ground for such studies. Lectures on the principles of decoration, as applied in the various branches of Decorative Art, are included in this department.

In ANATOMY, instruction is given in the form of lectures, and by drawings made from specimens and casts. The lectures are divided into two courses, for elementary and advanced classes. Each course consists of twenty lectures, one lecture a week to each class, continuing through the Winter and Spring Terms. The elementary course is devoted to the study of such portions of the human body as manifestly affect the external forms, the aim being to familiarize the pupil with the characteristics of those parts, independently of their combined action in modifying the external forms. Drawings of these parts are made by the pupils, in connection with the subjects discussed by the lecturer. The advanced course includes the whole structure of the human form in its plastic anatomy and mechanism. The skeleton and muscular system are viewed as a whole, and the modification of the external forms studied in action and repose. The subjects of proportion, equipose and motion, and expression, are studied, and original drawings required in illustration, made from life, or from Greek sculptures, by reducing the same to their anatomical structure by the imagined removal of the integument.

In Perspective, the instruction is likewise given in the form of lectures, divided into two courses of twenty lectures each, for an elementary and an advanced class, illustrated by examples drawn on the blackboard, explaining the principles under discussion. The lectures are supplemented by practical exercises. The student is required to work out examples in the interim between the lectures. The elementary course includes the principles of plane geometry underlying perspective,—simple projections, or plan and elevation drawings. Objects are treated with reference to their true dimensions, as preliminary to their correct representation on a flat surface, as seen in perspective, at various distances, and from different points of view. The advanced course includes the study of shadows and reflections, and the application of the general principles of perspective to interior and exterior views. The pupil is required to work out problems in illustration of all the principles involved in linear perspective in its application to the various branches of art.

In Painting, the work is divided into an elementary and an advanced course of study. The first studies are devoted to the acquisition of a knowledge of the elements of technical practice, by painting from still-life. When the pupil has acquired some knowledge of the means in representing objects in color, as to their values and relations, the remainder of the course is given to studies of the living model, in portrait, figure, and composition. This is continued while the pupil remains in the School. The course in painting implies, on the part of the pupil, a requisite knowledge of drawing, and drawing from the living model is continued throughout the course in connection with the work in color. The practice of the studio is supplemented by illustrated lectures on Color, Chiaroscuro, Composition, and such other special topics relating to the principles and means of Art as are comprehended in its theory and practice.

In Modeling, a course is provided, including the anatomical lectures, and drawing. The work in this branch of instruction consists in first modeling in clay, from casts of Greek fragments, the head and other extremities of the human form, and then the whole figure. When the student has sufficient command of the method and means, the rest of the course is devoted to modeling from the living subject.

In Architecture, the course includes drawing, as provided in that special department in its elementary instruction, as well as the course in isometric projection and perspective. Under the instructor in Architecture, studies are made from notable examples of the various orders and styles, in chronological order, with original projects in

illustration to be worked out by the student. The means and methods of preparing plans, elevations, sectional and working drawings, and perspective views in india-ink and water-color, are comprehended in the elementary part of this course. Arrangements may be made with other Departments of the University, by which students in Architecture can obtain the requisite instruction in mathematical subjects having a direct bearing on this art, including plane geometry, stone-cutting, the nature and strength of materials, and the principles of construction and engineering.

The course includes a general and comprehensive view of the historic development of the various architectures, with a comparative analysis of the same with respect to their principles of construction and decoration.

IN COPPER-PLATE ETCHING, a course is provided, and a room set apart for this special study, containing all the necessary appliances of this art, including a press.

COURSE IN THE HISTORY AND CRITICISM OF ART

The instruction in this department includes courses of lectures by the various Instructors of the School, arranged to include professional students in regular course, and classes from other departments of the University where it is recognized as an "elective" study.

IN THE HISTORY OF ART, the course is as follows: 1. The *Origin* and *Philosophy* of the Art principle—books chiefly referred to, Hegel, Lotze, Ruskin; 2. *Egyptian Art*—Perrot and Chipiez' *Histoire de l'Art de l'Antiquité*, etc.; 3. *Oriental Art*, with special reference to its influence on Greek Art—Schnaase, Fergusson, Perrot and Chipiez, etc.; 4. *Greek Art*, Principles of Greek Art; Pelasgic construction, and the three orders of Greek Architecture; Greek Sculpture, including the Archaic, Pheidian, and Naturalistic Periods, and the Graeco-Roman, with recent researches at Olympia and other places; *Greek Painting*, Ceramic, Mosaic, and Mural—Winckelmann, Lessing, Ottfried Müller, J. Overbeck, Schnaase, Friedrichs, Charles Blanc, and Woltmann; 5. *Roman Art*, Fergusson, Dennis, Emil Braun, etc.; 6. *Beginnings of Christian Art*, classic sources and types; Religious Art; early Christian Painting and Iconography; early Christian Architecture—Lindsay, Fergusson, etc.; 7. *Byzantine Art*, Oriental, Christian, and Saracenic forms—Fergusson, Ruskin, etc.; 8. *Medieval Art*, Romanesque and Lombardic; Tuscan, Southern and Northern

Gothic—Viollet-Le-Duc, Ruskin, Fergusson, etc.; 9. *The Renaissance;* rise of the Florentine School, and the Schools of Sienna, Umbria, Lombardy, Rome, and Venice—Vasari, Lanzi, Kugler, Ruskin, Crowe and Cavalcaselle, Symonds, etc.; 10. *Modern Art*—Schools of Spain, Holland, Germany, France, and England; the Pre-Raphaelite, Romantic, and Impressionist movements; Art in America. The lectures are illustrated by means of the hydro-oxygen lantern.

IN THE PRINCIPLES AND MEANS OF ART, a course of lectures is provided, fully illustrated, embracing the subjects of Line, Chiaroscuro, Color, Composition, and Expression,—following the path of the artist in his work. A course of lectures discussing the technical methods of the Painter, the Sculptor, the Architect, and the Engraver, including an historic account of the technical development of these arts, is also provided.

The regular prescribed course of study, for professional students, covers a period of three years, but pupils are encouraged to remain in the School and pursue advanced studies after the expiration of the prescribed term. The fees are at the rate of ten dollars per month, with an annual fee of five dollars. No pupil is received for a term of less than three months. The tuition fee for a fourth year's attendance is one-half the usual rate; pupils remaining for a longer period are classed as "honorary students;" as such they are exempt from the payment of a tuition fee, but are charged an annual fee of ten dollars. The School is open to both sexes; no pupil is received under fifteen years of age. All applications for admission should be made through the Director. The School opens on the 1st of October, and the closing exercises are held on the 1st of June. At the end of the School-year an exhibition of the work of the various classes of pupils is held, continuing open through the summer months.

AN ELECTIVE COURSE is provided for the Junior and Senior Classes in the Academical Department, as set forth in the Prospectus of Elective Studies in that Department of the University. Also, a special course in FREE-HAND

DRAWING is arranged to meet the requirements of students in the Sheffield Scientific School, extending through the first term of the College year.

Members of the Undergraduate Departments of the University may enter the Art School, and enjoy all its privileges, as "Special Students," on the payment, in advance, of an annual fee of twenty-five dollars.

CERTIFICATES are awarded to pupils remaining in the School through the regular course of three years; and the Degree of BACHELOR OF FINE ARTS is conferred by the University upon those students who have fulfilled the requirements of a prescribed course of advanced studies in the several departments of instruction, and have submitted an approved original composition in painting or sculpture, and a satisfactory thesis on some topic relating to the Fine Arts.

Students from other Art Schools, who have passed through the requisite elementary course in art, may enter this advanced course, ending in the conferring of the above degree, on passing the requisite examinations.

A SPECIAL FELLOWSHIP PRIZE OF $1,500 will be awarded on June 1, 1897. Competing students must have been pupils of the Yale School of the Fine Arts for at least two years before entering a preliminary *concours* to be held two months before the final competition; the preliminary *concours* to consist in making a satisfactory full-length drawing from the nude model. This fellowship is intended to enable the successful competitor to pass two years in study abroad.

THE ALICE KIMBALL ENGLISH PRIZE, the income from a foundation of one thousand dollars, is awarded annually to one pupil taking the regular course of study in the professional department of the school, under such conditions as the Faculty may prescribe.

The "ETHEL CHILDE WALKER PRIZE," the income from a foundation of two hundred dollars, is also awarded annually, under certain restrictions, to the most deserving pupil in the professional department.

THE ART LIBRARY, containing a collection of technical hand-books, current art-periodicals, and portfolios of etchings and engravings, is open, during specified hours, for the use of students. The pupils of the School are entitled to the use of the University Library, and to such other privileges, under the usual restrictions, as are granted to students in the other Departments.

THE COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty-two paintings dating from the 11th to the 17th centuries; the "Trumbull Gallery" of historical portraits and other works, numbering fifty-four pictures; a collection of contemporaneous art, numbering about fifty paintings; a small collection of original sketches by old masters; a collection of about one hundred and fifty casts and marbles, representative of the various periods of Greek and Renaissance Art; a valuable collection of Chinese porcelains and bronzes, loaned by Mr. Frederick Wells Williams; a series of very valuable Belgian wood-carvings of the 16th century, deposited in the School by Mrs. A. C. Alden; and a collection of Braun autotypes, and other reproductions, numbering about two hundred.

The Collections of the School are open daily, without charge, from 1 to 5 P. M., during term-time; also, during the summer vacation from 9 A. M. to 6 P. M., when a fee of twenty-five cents is charged. This fee is also charged when special loan-exhibitions are organized, in order to meet incidental expenses.

The Art Building was erected in 1864, by Mr. Augustus R. Street (Yale College 1812), of New Haven, at a cost of about $220,000. The School was partially endowed, to the extent of $75,000, by Mrs. Street, who also made other gifts in aid of its object.

DEPARTMENT OF MUSIC

FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

HORATIO W. PARKER, M. A., *Battell Professor of the Theory of Music*

SAMUEL S. SANFORD, M.A., *Professor of Applied Music*

ISIDOR TROOSTWYK, *Instructor in Violin-Playing*

The work in this Department is divided into theoretical and practical courses of study. The Department is open to undergraduates and graduates, also to special students. Admission is granted without distinction of sex. The theoretical studies consist of the courses mentioned below from I to VI inclusive. The practical courses consist of instruction in Piano, Organ, and Violin playing. No student will be admitted to any practical course unless he shall already have been admitted to one or more of the theoretical courses.

The theoretical courses are subdivided into elementary and advanced. Courses I, II, and III are considered elementary. At the close of the academic year, students who have completed course II may become candidates for a *Certificate of Proficiency in the Theory of Music* by passing an examination—conducted partly in writing and partly *viva voce*—in four-part harmony and counterpoint, in the history of music, and in the structure of song and sonata forms. An unprepared analysis of classical works will be required in addition. Academic students on the completion of the same course and passing the same examination with distinction, will receive one-year honors in Music (see p. 105).

The advanced courses are numbers IV, V, and VI. They are open only to students who are able to pass the exami-

nation required preliminary to the granting of the Certificate of Proficiency in Theory mentioned above. Members of these classes at the end of two years' work, or its equivalent, may become candidates for the degree of *Bachelor of Music*. The candidate will be required to pass an examination before a Board of Examiners consisting of the Faculty of the Department of Music. Satisfactory proof of proficiency in the theory of music and in any two of the following languages (one of which must be a modern language), Greek, Latin, French, German, Italian, shall be given to the Battell Professor of Music, prior to the examination; also, an original composition in one of the forms to be designated by him. The examination will be in advanced Counterpoint, Canon, Fugue, the higher forms of Musical Composition, and impromptu Orchestration. Academic undergraduates on passing this examination with distinction, will receive two-year honors in Music (see p. 105).

The fee for instruction is one hundred dollars per year. The fee for the theoretical courses only is fifty dollars per year. This fee will be remitted in whole or in part when the student needs the relief and shows natural talent in such degree as to warrant it in the opinion of the Faculty. A special fee will be charged for instruction in Violin-playing. The fee for a Certificate of proficiency in the theory of Music is five dollars. The fee for a degree is ten dollars.

1 *Harmony.* Monday and Thursday, 2 P. M.

The study of chords, their construction, relations, and progressions.

This course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's Harmony (Breitkopf & Härtel, New York and Leipzig) is used as text-book.

2. *Counterpoint.* Monday and Thursday, 3 P. M.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition.

No text-book is used.

3. *The History of Music.*

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form will be given in the class-room.

4. *Strict Composition.* Monday and Thursday, 4 P. M.

The more severe kinds of composition will form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four and three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course VI.

No text-book is used.

5. *Instrumentation.* Tuesday and Friday, 3 P. M.

This course is open only to students who have done the work of courses I and II, and it is strongly recommended that course IV also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical Orchestration of short pieces from the works of classic and modern composers, in the Analysis of scores, &c., &c.

6. *Free Composition.* Tuesday and Friday, 2 P. M.

This course is open only to students who have done the work of courses I, II, IV, and V, and who have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

DEPARTMENT OF THEOLOGY

(YALE DIVINITY SCHOOL)

FACULTY AND INSTRUCTORS

Rev. Timothy Dwight, D.D., LL.D., President

Rev. George E. Day, D.D., *Dean of the Faculty*

Rev. Samuel Harris, D.D., LL.D., *Professor of Systematic Theology*

Rev. George P. Fisher, D.D., LL.D., *Professor of Ecclesiastical History*

Rev. Lewis O. Brastow, D.D., *Professor of Homiletics and the Pastoral Charge*

Rev. Edward L. Curtis, Ph.D., D.D., *Professor of the Hebrew Language and Literature*

Rev. George B. Stevens, Ph.D., D.D., *Professor of New Testament Criticism and Interpretation*

Rev. William F. Blackman, B.D., Ph.D., *Professor of Christian Ethics*

Frank C. Porter, B.D., Ph.D., *Professor of Biblical Theology*

Rev. Arthur Fairbanks, Ph.D., *Instructor in Comparative Religion*

Samuel S. Curry, B.D., Ph.D., *Instructor in Elocution*

SPECIAL LECTURERS

Rev. David H. Greer, D.D., of New York, *Lyman Beecher Lecturer*. (Subject to be announced)

Rev. Henry A. Stimson, D.D., of New York. (Subject to be announced)

Rev. Charles H. Richards, D.D., of Philadelphia, *On Hymnology and Church Music*

Rev. George A. Gordon, D.D., of Boston, *On Christ in the Faith and in the Pulpit of to-day*

Leonard J. Sanford, M.D., of New Haven, *On the Preservation of Health*

The present annual term of study, commencing on Thursday, September 27, 1894, will continue until the third Wednesday in May, 1895, when the Anniversary and the Annual Meeting of the Theological Alumni are held. Blank forms of application may be obtained by addressing the Secretary, Professor George B. Stevens, New Haven, Conn., or any other member of the Faculty.

CONDITIONS OF ADMISSION

The Seminary is open, on equal terms, to students of every Christian denomination. The conditions of admission are membership in some evangelical Church, or other satisfactory evidence of Christian character, and a liberal education at some College or University, or, in exceptional cases, an equivalent preparation for theological studies. In all such exceptional cases the applicant will be examined in the Greek language. He may also, at the discretion of the Faculty, be examined in other branches of knowledge, in order to determine whether he is prepared to pursue theological studies.

Some knowledge of the Hebrew language on the part of those entering the Junior class is desirable, and for all who have made sufficient progress in this study, advanced instruction is provided.

Applicants for admission from other Theological Institutions whose course of study is the equivalent of that pursued in this institution, will be received *ad eundem.*

It is expected that every student will be present promptly at the beginning of the session. Rooms are assigned by lot on the day before that on which the term opens.

COURSE OF STUDY

THE COURSE OF INSTRUCTION occupies three years, and is arranged in the following order:

REQUIRED STUDIES IN JUNIOR YEAR

Professor DAY will lecture once a week on the Encyclopedia and Literature of Theology, including a survey of the various branches of Biblical Literature, and an account, more or less extended, of the prominent writers and their works in the several departments of theological science.

Professor HARRIS will lecture twice a week on the Philosophical Basis of Theism, and the Self-Revelation of God.

Professor CURTIS will give instruction five times a week in the grammatical principles of the Hebrew language in connection with the first eight chapters of Genesis, with the use of Harper's Introductory Hebrew Method as a text-book. In addition to this preliminary work, the class will read critically the remainder of Genesis and Exodus i–xxiii with the study of Hebrew Syntax and with the use of Gesenius's Hebrew Grammar. Exercises will also be given in reading at sight. Provision will be made for the instruction of an advanced section in Hebrew, and students who so desire will receive special instruction in the examination of the theories and results of Hexateuchal criticism. A course for the entire class will be given, once a week, in Old-Testament Introduction.

Professor STEVENS will give instruction four times a week in the Greek New Testament. The studies of the year will embrace the following subjects: General Introduction to the New Testament, including the peculiarities of Hellenistic Greek, the preservation of the New Testament in manuscripts, and their use in textual criticism; the Synoptic Gospels, studied on the basis of Mark, with special attention to the discourses and parables of our Lord; the first eight chapters of the Acts of the Apostles; the life and work of the Apostle Paul as recorded in the Acts and illustrated in his letters, and the critical interpretation of one or more of the principal Epistles. Essays on themes connected with these studies will be prepared by the students and discussed in the presence of the class.

Professor BRASTOW will meet the class twice a week during the second half of the year. He will give a course of introductory lectures on Practical Theology, including its proper scope, its relation to other branches of Theology, the Christian conception of the Church, its final purpose as related to the Kingdom of God, its organization, the marks of its visibility, the ministerial calling, and unification of ministerial functions in the Christian pastorate. He will also lecture on and conduct critical exercises in the use of the Topic in preaching, making Claude's Essay upon the Composition of a Sermon a partial basis for the work.

Dr. FAIRBANKS will lecture twice a week during the first half of the year on Comparative Religion. *(a)* Two or three types of religion among uncivilized tribes (the North American Indians and the Negroes) will be studied, and the different theories as to the Origin of Religion will be criticised. *(b)* Under the History of Religion, the religions of India and Persia will be studied, and on this basis the effort will be made to trace some of the laws that govern the development of religion, and the factors which tend to aid or to hinder such development. *(c)* The Phenomenology of Religion, including a discussion of rites and ceremonies, objects of worship, etc., and the connection with these of the real development of religion.

REQUIRED STUDIES IN MIDDLE YEAR

Professor HARRIS will lecture five times a week on Systematic Theology. This course will include a full and systematic investigation of the doctrines of Christianity, and of existing questions and controversies concerning them. The subjects will be treated in the following order: the Attributes of God; the Trinity; God the Creator, and His end in Creation; God's Providential Government; God's Moral Government; Sin; Redemption—the Atonement, Regeneration, Justification by Faith; the Spiritual Life; the Kingdom of Christ on Earth, its Progress and Triumph; Eschatology; the Christian Church. Examinations on the topics discussed will be connected with the lectures, and entire freedom of question and discussion at every lecture is invited.

Professor FISHER will give instruction three times a week on General Church History, embracing especially the branches of the subject which are not included under the History of Doctrine. They comprise the following topics: the Nature, Divisions, and Sources of Church History, with a review of the Literature on the subject; the Old or Preparatory Dispensation in its relation to Christianity; the condition of the Graeco-Roman World at the Introduction of the Gospel; the Establishment of Christianity, and the Conflicts of the Apostolic Age; the spread of Christianity, including especially the Conversion of the Roman Empire and of the Teutonic Nations; the Changes in Ecclesiastical Polity in the Early Centuries; the Organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to Civil Society in the Middle Ages; the Protestant Reformation, with its Causes and the Systems of Polity adopted by the different Protestant Churches; Christian Life, and its Characteristic Features in the Successive Eras (including the Rise and Subsequent History of Monasticism); the History of Christian Worship.

Professor CURTIS will read with the class twice a week selections from the Poetical and Prophetical Books of the Old Testament. Special attention will be paid to exegesis. Original work of this character will be required of the students.

Professor STEVENS will lecture twice a week during the first half of the year on Special Introduction to the Pauline Epistles. The occasion, aim, and peculiarities of each Epistle will be described and the course of thought will be carefully analyzed and traced.

Professor PORTER will lecture twice a week on the Biblical Theology of the Old Testament. The aim will be to present a general view of the religious institutions and of the ethical and religious conceptions of Israel in their beginnings and in the historical course of their development. Special attention will be given to the religious faith and work of the Prophets, to the significance of the Exile, and to the character of post-exilic Judaism, including its last pre-Christian stages.

In addition to the above courses, students in the middle year are required to choose one of the elective courses from the list (pp. 240 ff.) and are permitted to take two of these courses if they maintain a satisfactory standing in the required studies.

REQUIRED STUDIES IN SENIOR YEAR

Professor BRASTOW will give instruction four times a week, by lectures and critical exercises, in different branches of Practical Theology, as follows: he will lecture three times a week during the first half of the year on Homiletics, and once a week will conduct a class-exercise in the criticism of sermons and plans of sermons. It is proposed to make these practical exercises a prominent feature in the course. He will also give private instruction, at least once during the year, to each member of the class in connection with the criticism of sermons, and will give personal aid in the study of Homiletical and General Literature. He will lecture three times a week during the last half of the year, upon Catechetics, Liturgics, Church Government, the missionary work of the Church, the relation of the Church to the family, the relation of the Church to the State, and the work of the Church as related to the different branches and methods of education and to problems of moral reform. He will also conduct class-discussions of questions of practical interest relating to the work of the Church.

Professor FISHER will lecture three times a week, through the year, on the History of Christian Doctrine and on Symbolical Theology. The course includes an explanation of the Origin of Theology as a Science, and a Discussion of True and False Theories of the Development of Doctrine; a Survey of the Influence of Philosophy on Theology in the Successive Eras; a review of Authors in the field of Theological Literature; a History of Theological Thought in the Church, in relation to the several Doctrines of the Christian system,

down to the present time; an account of the Comparative Tenets of the different religious bodies into which Christendom is divided.

Professor BLACKMAN will lecture twice a week on some important social problems, especially such as affect American life. The course will include a discussion of such topics as: Socialism, Communism, and Anarchism, the Ethics of Party Government, Civil Service Reform, Races in the United States, Immigration, the Modern City, the Wage-System, the Relations of Employer and Employed, Social Classes, the Causes, Prevention, and Punishment of Crime, Commercial Ethics, the Church as a Social Influence, City Missions, University Settlements.

Professor PORTER will lecture twice a week on the Biblical Theology of the New Testament. The teaching of Jesus and the different types of Apostolic teaching will be examined in their historical character and in their relations to one another and to the religious ideas of the time. The aim will be both to trace the history of religious thought in the Apostolic age and to set forth the central teachings of the New Testament in their unity. The views of important writers on the subject will be critically examined, and assistance will be given to those who wish to pursue special studies in this department.

In addition to the above courses, students in the Senior year are required to choose at least one additional hour of work from the following list of electives.

ELECTIVE COURSES FOR MIDDLE AND SENIOR YEARS

The purpose of these courses is to encourage scholarly investigation in special lines, and to train students in methods of independent study. The work will be mainly conducted after the "seminary" method of original research, and the exercises will consist largely in the reading of dissertations, and in discussions by the members of the class under the direction of the instructor.

The following courses are offered for the current year:

Professor BRASTOW will meet members of the Middle class twice a week during the first half of the year to discuss the following topics in Homiletics: the value and methods of homiletic study, the Christian conception of preaching, preaching gifts, the influence of the age on preaching, the general characteristics of modern preaching, with critical investigation of some of the more prominent modern preachers. It is the desire of the instructor that as many of the class choose this course as may find it consistent with their other work.

Professor BRASTOW will meet members of the Senior class once a week for the discussion of the following topics in Rhetoric: the characteristics of modern Rhetoric; the influences that condition a pulpit type of speech; the claims of rhetorical study on the attention of the preacher; methods of cultivating pulpit style; verbal, grammatical, and figurative elements in pulpit style; analysis of qualities in pulpit style; analysis of didactic and persuasive methods of pulpit style.

Professor CURTIS will give instruction once a week in the Wisdom-Literature of the Old Testament. (This exercise is open to such members of the Middle class as the instructor may consider fitted to undertake the work with profit.)

Professor STEVENS will conduct an exercise once a week in the study of Special Introduction to Hebrews, Revelation, the Catholic Epistles, and the Gospels.

Professor BLACKMAN will conduct an exercise once a week in the Historical Study of the Family.

Professor PORTER will conduct an exercise once a week in the study of Hellenistic Jewish Literature and Theology. The course will consist chiefly in readings from Philo and the study of his thought with reference to its bearings on New Testament and early Christian Theology.

Dr. FAIRBANKS will conduct an exercise once a week in the study of Greek belief and worship. The aim will be to determine the course of religious development, the effect of religion on the character of its people, and its influence on the beginnings of Christianity.

Dr. FAIRBANKS will also conduct an exercise on the history of sacrifice, and the light which this throws on the doctrine of the atonement.

Dr. FAIRBANKS will also offer one of the two following courses:— *(a)* Readings from the Septuagint, with discussions as to the value of the Septuagint for Old-Testament criticism, and also as to its influence on the language of the New Testament. *(b)* Readings from the earliest Christian documents outside the canon in the original Greek.

President DWIGHT will lecture twice a week on the Book of Revelation.

Professor DAY will give instruction in Syriac Grammar followed by readings in the Peshito version and also in the Biblical Aramaic.

He will also read with those students who desire to become familiar with the theological literature of Germany and have made sufficient progress in the language, some standard work in German, with critical remarks and references to the ablest works on special topics.

Dr. FAIRBANKS will read rapidly with such members of the Junior class as desire it those portions of the New Testament which are not read in the course on New-Testament exegesis.

GRADUATE (OR FOURTH YEAR) CLASS

Into this class only those who have completed a course of three years in this or some other Theological School are admitted. It is designed to meet the wants of those who desire to pursue an advanced course of general theological study, or to apply themselves to special subjects of reading or investigation in any of the departments of theology for one year or more, under the advice and direction of the Professors and with the helps furnished by the Reference and University libraries. Candidates for membership in this class are admitted by vote of the Faculty.

From the connection of the Divinity School with the University, special advantages for the prosecution of linguistic and other studies are open to students preparing for service as foreign missionaries.

The following subjects are announced for the coming year, but in some cases others may be substituted for them, after consultation with the class:

I. Professor DAY: Syriac (Peshito) Version of the New Testament.

II. Professor HARRIS: Topics in the Philosophy of Religion of special interest at the present time.

III. Professor FISHER: Discussions of the Person of Christ in recent German Theology.

IV. Professor BRASTOW: The influence of Exegesis, Classical Rhetoric, Church Theology, Philosophy, and Mysticism upon the work of the Christian pulpit in different periods of the history of the Church.

V. Professor CURTIS: Reading of selected portions of the Hebrew text of the Old Testament with discussion of questions of Literary and Textual criticism.

VI. Professor STEVENS: Critical Introduction to the writings of John, with special reference to the original sources of information respecting their origin and authorship.

VII. Professor BLACKMAN: The Ethical Teaching of the New Testament compared with that of the Hebrew Scriptures and of Greek and Roman Philosophy.

VII. Professor PORTER: A Study of the Method of the Teaching of Jesus; especially his employment of the Parable and other figurative forms of speech, and his use and understanding of Old-Testament and Jewish Messianic language.

IX. Dr. FAIRBANKS: Modern Theories in regard to the Philosophy of Religion.

Members of the Graduate Class are required, in all ordinary cases, to take at least three of these courses and are expected to continue their studies at the Seminary during the entire year. They are furnished with rooms free of rent, and no charge is made for instruction or for the use of libraries.

UNIVERSITY COURSES

Students of the Divinity School are admitted to the courses of instruction in the PHILOSOPHICAL DEPARTMENT OF THE UNIVERSITY, and are permitted to attend them on conditions prescribed by the Theological Faculty. Among the courses which are of special interest to students of theology are those of Professor Sanders in Semitic languages and Old-Testament literature (see pp. 78–80 of this catalogue), Professors Ladd, Duncan, and Sneath in Philosophy (see pp. 49–51), Professors Sumner, Hadley, Farnam, Wheeler, Smith, and Adams in Political Science and History (see pp. 54–59) and Professors Seymour and Cook in Greek and English Philology (see pp. 69–73).

EXERCISES IN PUBLIC SPEAKING

A rhetorical exercise for all the classes is held every week, in the MARQUAND CHAPEL, in the presence of the Faculty, and under the direction of the Professor of Homiletics. Once in two weeks an address is delivered, followed by criticism and discussion. Each alternate week there is an exercise, designed for the cultivation of the power of the students in extemporaneous speaking, as well as for the discussion of subjects of practical importance.

ELOCUTION

Professor CURRY will give a thorough course of instruction in Vocal and Elocutionary Training, which is progressive in its character and extends through the three years of study for each class. The work is so arranged that each student receives, at least once a week, criticism upon some form of expression and personal suggestions as to daily practice.

To the Junior Class, a course of lessons is given in Vocal culture, proper action of the mind in reading and speaking, the principles of Vocal Expression and oratorical action.

In the Middle year there will be a more advanced course in Vocal Exercises, practice in the rhythm and melody of speech, in Scripture and hymn reading, and in preaching and various forms of speaking.

During the Senior year, instruction is given both in class and in private. Arrangements are made for training and practice to meet the special needs of each individual in his preparation for the duties of the preacher's office.

SACRED MUSIC

For a full presentation of the musical courses by Professors Parker and Sanford, which are open to members of the School, see pp. 92–94 of this catalogue.

The "Musical Society of Yale Divinity School" has for its purpose to stimulate an interest in church music and to develop and cultivate the musical talent of the students. To this end there are lectures on church-music and kindred subjects by competent authorities, illustrated or accompanied by music. There is also a glee-club, membership in which is determined by competitive examinations.

PUBLIC WORSHIP

There is daily morning worship in the MARQUAND CHAPEL. Students attend worship on the Lord's day in the Battell Chapel, or in any of the City Churches.

Prayer-meetings of the different classes and a general prayer-meeting of the Seminary are held on alternate weeks in the lecture-rooms.

LIBRARIES

The *University Library*, containing about 170,000 volumes in the various departments of literature and science and many thousands of unbound pamphlets, is especially rich in its theological part, and stands in this respect among the first libraries in the country. It is open eight hours every secular day for consultation and for the drawing of books. The Divinity students in common with the other members of the University have access to it.

The united Libraries of the College Literary Societies, containing 30,000 volumes in general literature, are accessible to theological students.

For a fuller notice of the advantages of this character, the account of the Library found on another page of this catalogue may be consulted.

The *Reference Library* of the Divinity School, established by the late Henry Trowbridge, Esq., of New Haven, and placed in the Bacon Memorial Hall is open for consultation during several hours of the day. It contains more than 3,000 carefully selected volumes, in every department of theological literature, and is designed to take the place, for each student, of a large and well selected private library. The latest books and periodicals are constantly added to it as they appear.

The valuable *Library of Church Music* belonging to the late Dr. Lowell Mason, was given to the Seminary by his family. This library, which is one of the largest of its kind in the country, is placed in West Divinity Hall.

The *Library of Foreign Missions*, recently established, containing more than three thousand volumes, of which a catalogue has been issued, is designed to embrace a full History of Modern Missions, as carried on by all denominations and in all countries. Additions are constantly made to it and more than fifty of the leading American, English, and Continental missionary periodicals are regularly received.

The total number of volumes in the several libraries, which are open to students, is more than 200,000.

PHYSICAL EXERCISE

The University Gymnasium, which is complete in all its appointments, is open to the students of this Department at a small charge. The facilities offered in this connection are described on page 75.

DIVINITY HALLS

The East Divinity Hall contains, in addition to the Lecture Rooms for the several classes, rooms for the Professors, and the Historical Library of Foreign Missions,

accommodations for about sixty students. The West Divinity Hall (parallel with the other building and adjacent to it) has, in addition to the room containing the Lowell Mason Library, accommodations for ninety students. The rooms in these buildings are warmed by steam, and lighted by gas, and are provided with all necessary furniture, except bed-clothes, which may be brought by the occupants, or will be furnished at a moderate charge by the Janitor. The assignment of rooms to new students is made by lot on the day preceding the opening of the term. The rooms, to which bed-rooms are attached, are, for the most part, designed for one occupant, but a considerable number are designed for two.

PRACTICAL CHRISTIAN WORK

In connection with the New Haven City Mission, and the missions and Sunday schools of the numerous churches of the city, there is abundant opportunity for the students to engage in practical Christian work, and students are recommended to undertake such work as far as may be consistent with the prosecution of their studies. A committee of students, of which one of the Professors is chairman, has in charge the arrangement of this matter and undertakes to ascertain the need of such aid from students in the different missions and Sunday schools as well as in hospital and jail work, and also to give each student that form of work which he desires. In some cases students receive pecuniary compensation for such service. During the past year more than 90 per cent. of the students have been regularly engaged in work of this character, or in preaching.

By invitation of the Faculty and students, occasional lectures of an informal character, relating to the practical duties of the ministry and to different forms of philanthropic effort are given by clergymen and others, who are specially well fitted to deal with these topics.

MISSIONARY SOCIETIES

A general Missionary Society of the Seminary, composed of Foreign, Home, and City Mission Branches, meets once in two weeks for the discussion of missionary topics. Occasional addresses are given by persons especially engaged in, or familiar with, missionary work. A Foreign Missionary Band, composed of those who contemplate service in the foreign field, holds regular meetings for the investigation and discussion of missionary subjects.

LICENSE TO PREACH

The regular time for applying for licensure is near the close of the second year's study, before which time the members of the Seminary are not allowed to preach, except by special permission of the Faculty.

EXPENSES AND PECUNIARY AID

Students have only to make pecuniary provision for about eight months of study annually. In the four months of vacation, from May to September, they have the opportunity to engage in Home-Missionary or other labor, with remuneration for their services.

The expenses for the annual session of 34 weeks are $15 for each student for care of room and other incidental expenses; $25 to $30 for fuel and lights, or one-half of this sum in case two students occupy the same room. No charge is made for instruction or room-rent.

The expense for board will be from $3 to $4 a week, at which prices most of the students have obtained good board during the past year.

Students of the Junior, Middle, and Senior Classes, whose circumstances require it, receive $100 a year from the income of Scholarships and other funds belonging to the School. Additional aid to the amount of $75 annually is furnished by the American College and Education

Society to students who are members of Congregational churches. These means of assistance cover all the expenses mentioned above.

In addition to the aid mentioned above, ten scholarships of $50 each, from the William H. Fogg Scholarship Fund, are offered to members of the Junior Class. Candidates for these scholarships must be, as a rule, college graduates, and must bring evidence of a standing of at least 75 per cent. during their college course. The scholarships, in ordinary cases, will be assigned on the basis of the standing maintained by the members of the class during the year.

After the close of the second year in May, students not infrequently receive remuneration for preaching in places easily accessible.

In general, it may be said that the aid which is provided for every young man, of any evangelical denomination, who gives promise of usefulness in the ministry, is sufficient, in connection with his own efforts, to enable him to complete a course of theological study.

GRADUATE FELLOWSHIPS

A GRADUATE FELLOWSHIP was established in this department, in 1876, as a memorial of the late Mrs. Aurelia D. Hooker, of New Haven. It is assigned at graduation to that member of the class to which it is offered who, having been connected with the School during at least two years of the course, and being of approved Christian character, has, in the judgment of the Faculty, made such proficiency in theological studies as best to qualify him for the advantages offered by this foundation for the further prosecution of the same. The person to whom the scholarship is given receives the annual income ($600) for two years after graduation, and is expected to pursue a course of theological study under the direction of the Faculty, either as a resident at the School, or, in case he

may prefer to do so, in Europe or Palestine. The HOOKER FELLOWSHIP was offered to the class which entered the Divinity School in 1894, and is offered to the class which enters in September, 1896.

A SIMILAR GRADUATE FELLOWSHIP yielding $500, which has been established as a memorial of the late Mrs. Susan B. Dwight, of New Haven, and will afford to the student who shall receive it the same privileges for one year after graduation, is offered on the same conditions to the class which entered the School in September, 1893, and to the class which enters in September, 1895.

GRADUATE SCHOLARSHIPS

Five scholarships of $200 each, from the William H. Fogg Scholarship Fund are offered to candidates for admission to the Graduate Class. These scholarships will be assigned in part to members of the Graduating Class of this School, chosen by the Faculty. They are in part open to graduates of other theological schools who furnish evidence of high standing and present with their applications a satisfactory essay on a theological subject.

DEGREE

The Degree of Bachelor of Divinity is conferred by the President and Fellows of the University on all members of the School who satisfactorily complete the prescribed course of study and present an approved thesis on some topic of theology.

DEPARTMENT OF MEDICINE

(YALE MEDICAL SCHOOL)

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

MOSES C. WHITE, M.D., *Professor of Pathology*

CHARLES A. LINDSLEY, M.D., *Professor of the Theory and Practice of Medicine*

WILLIAM H. CARMALT, M.D., *Professor of Surgery*

JAMES CAMPBELL, M.D., *Professor of Obstetrics and Diseases of Women and Children*

THOMAS H. RUSSELL, M.D., *Professor of Clinical Surgery and Surgical Anatomy*

HERBERT E. SMITH, M.D., *Professor of Chemistry, and Dean*

LOUIS S. DEFOREST, M.D., *Assistant Professor of Clinical Medicine*

OLIVER T. OSBORNE, M.D., *Assistant Professor of Materia Medica and Therapeutics*

HARRY B. FERRIS, M.D., *Assistant Professor of Anatomy*

GRAHAM LUSK, PH.D., *Assistant Professor of Physiology*

B. AUSTIN CHENEY, M.D., *Assistant Professor of Obstetrics and Diseases of Women and Children*

OTHER INSTRUCTORS

Professor WILLIAM H. BREWER, PH.D., *Lecturer on Sanitary Science and Public Health*

HENRY P. STEARNS, M.D., *Lecturer on Insanity*

SAMUEL B. ST. JOHN, M.D., *Lecturer on Ophthalmology*

HENRY FLEISCHNER, M.D., *Lecturer on Dermatology and Clinical Medicine*

FRANK H. WHEELER, M.D., *Assistant in Pathology*

CHARLES J. FOOTE, M.D., *Demonstrator of Bacteriology*

HENRY L. SWAIN, M.D., *Lecturer on Diseases of the Throat and Ear*

ARTHUR N. ALLING, M.D., *Instructor and Clinical Assistant in Ophthalmology*
LOUIS B. BISHOP, M.D., *Assistant in the Surgical Clinic*
CHARLES A. TUTTLE, M.D., *Lecturer on Orthopaedic Surgery*
LEONARD W. BACON, JR., M.D., *Assistant in the Surgical Clinic*
WARREN A. SPALDING, *Demonstrator of Pharmacy*
PAUL S. ROBINSON, M.D., *Assistant in the Medical Clinic*
RALPH A. MCDONNELL, M.D., *Clinical Assistant in Dermatology*
ROBERT E. PECK, M.D., *Assistant in the Medical Clinic*
WILLIAM H. PARKER, B.S., *Assistant in Chemistry*

In the fall of 1810 a charter was granted to the President and Fellows of Yale College and the President and Fellows of the Connecticut Medical Society, authorizing them to unite according to the terms of certain "Articles of Union," before agreed upon, for the establishment of a medical seminary, to be styled the Medical Institution of Yale College. Two years later the School was organized, and in the fall of 1813 instruction was begun. The Faculty consisted of four professors, appointed by the College Corporation from nominations by the Medical Society. Degrees were conferred by the College on the recommendation of the board of examiners, consisting of the members of the Faculty and an equal number appointed by the Medical Society. The instruction consisted of didactic and clinical lectures and dissections during the short winter course. Later, instruction was given during the spring months also, and from time to time the number of instructors was increased.

That this dual nature of the School and the method of instruction were wisely planned is shown by the position which the School took at once in the medical instruction of the time. But changes gradually took place in the relations between practitioners and students of medicine, and even greater changes in medicine itself, which demanded a different kind of instruction. This School responded early to this demand, and in 1879 an entrance examination was imposed, and a graded course extending over three years

of eight months each, and including considerable laboratory instruction, was adopted. In 1884, by an agreement with the Medical Society, the College authorities assumed the entire control of the School.

In reorganizing the School as an integral part of the University, the inherent defects in the older and still common method of instructing chiefly by didactic lectures, were recognized, and the methods now employed are similar to those in vogue in the other Departments. Didactic lectures are still employed as best in some branches, but recitations from assigned readings, with explanatory lectures, laboratory work, and personal instruction in the clinics, constitute the main portion of the curriculum. The School has well equipped laboratories for the study of anatomy, histology, chemistry, pharmacy, physiology, pathology, and bacteriology. A new building especially adapted to the requirements of laboratory work, has recently been added to the equipment.

While the attention of the student is particularly directed to those fundamental branches which can be studied to advantage only in a well equipped medical school, the value of early clinical instruction is fully appreciated, and amply provided for. The details of the course of instruction are given below.

TERMS OF ADMISSION

Candidates for admission to the course leading to the degree of Doctor of Medicine, must be at least eighteen years old, and must present satisfactory testimonials of moral character from former instructors or physicians in good standing.

As evidence that he has had a sufficient preliminary education, each candidate must present proof that he has passed the matriculation examination of some scientific, literary, or professional college in good standing; or present testimonials from the proper officer that he has pursued the

course at some high school, academy, or preparatory school, approved by the Faculty; or he must pass an examination in the following subjects:

1. ENGLISH: An essay of about two hundred and fifty words on some familiar subject to be announced at the time of the examination.
2. MATHEMATICS: The metric system of weights and measures. *Algebra;* to Quadratics. *Plane Geometry;* to the extent included in Wentworth's Plane Geometry, Books i-iii.
3. PHYSICS: Gage's Elements of Physics, or some equivalent work.

These examinations are conducted in writing, and are held at the Medical School at 9 A. M., on the Thursday following Commencement, and on the Wednesday preceding the opening of the first term.

Copies of the questions of previous examinations will be furnished on application to the Dean.

In conjunction with other Departments, matriculation examinations will be held also on the Thursday after Commencement, in Chicago, Cincinnati, and San Francisco. (See above, pp. 39–40.) A fee of five dollars is charged for admission to examinations, held out of New Haven.

Students who have studied elsewhere in recognized medical schools, may present themselves for examination three weeks before Commencement and enter the examinations of the first year, or of the first and second years, according to their time of study. The results of these examinations will determine the class to which they belong.

Applicants for advanced standing who present themselves at other times of the year will be assigned to such classes as from their representations they seem to be fitted for, but at the next annual examination they will be examined in all of the studies previously passed by their class, as well as in those for the current year.

TERMS AND VACATIONS

The annual sessions of the School are divided into three terms, covering thirty-four weeks, exclusive of a vaca-

tion of three weeks at Christmas and a recess in the spring, usually of one week.

The first term begins with the first Thursday of October, and continues eleven weeks. The second term begins three weeks after the close of the first, and continues eleven weeks. The third term is twelve weeks in length, ending with Commencement. (See Calendar, p. 6.)

COURSE OF INSTRUCTION

JUNIOR YEAR:

Chemistry: Illustrated Lectures and Recitations, 4 hours,* Professor Smith. Chemical Laboratory, 9 hours, Professor Smith and Mr. Parker.

Anatomy: Lectures and Recitations, 3 hours, Professor Ferris. Dissections, four times a week, Professor Ferris and Dr. Tuttle. *Autopsies*, Professor White.

Histology: Recitations, ½ hour, Laboratory work, 3 hours, Professor Ferris.

Physiology: Lectures and Demonstrations, 2 hours, Professor Lusk.

MIDDLE YEAR:

Anatomy: Lectures and Recitations, 3 hours, Professor Ferris. Dissections, four times a week.

Materia Medica and Therapeutics: Lectures and Recitations, 2 hours, Professor Osborne.

Pharmacy: Laboratory, 3 hours, first term, Mr. Spalding and Dr. Peck.

Physiology: Lectures and Recitations, 2 hours, Professor Lusk.

Pathology: Lectures and Recitations, 1 hour, Professor White. Laboratory work, 2 hours, Professor White and Dr. Wheeler. *Autopsies*, Professor White.

Medicine: Lectures and Recitations on General Medicine, 3 hours, Professor Lindsley.

Surgery: Lectures on General Surgery, 3 hours, Professor Carmalt.

Obstetrics and Diseases of Women and Children: Lectures and Recitations, 2 hours, Professor Campbell.

Dispensary Clinics, daily. Hospital Clinics. Operations at the Hospital.

SENIOR YEAR:

Pathology: Lectures and Recitations, 1 hour, Professor White. Laboratory work, 2 hours, Professor White and Dr. Wheeler. *Autopsies*, Professor White. *Bacteriology*, 1 hour, first term, Dr. Foote.

* In each week.

Medicine: Lectures on General Medicine, 3 hours, Professor Lindsley. Dispensary Clinic, 3 hours, Professor DeForest. Hospital Clinics, weekly, Professor DeForest and Drs. Daggett and Fleischner. *Insanity*, 1 hour, first term, Dr. Stearns. *Sanitary Science*, Professor Brewer, and *Toxicology*, Professor Smith, 1 hour, one term. *Therapeutics*, Lectures and Recitations, 2 hours, Professor Osborne. *Clinical Chemistry*, Laboratory, 2 hours, second term, Professor Smith.

Surgery: Lectures on General Surgery, 3 hours, Professor Carmalt. Dispensary Clinic, 2 hours, Professor Carmalt. Hospital Clinic, once a week, Professors Carmalt and Russell. *Ophthalmology*, Lectures, 1 hour, Dr. St. John, Demonstrations, 1 hour, second term, Dr. Alling. *Ear and Throat Clinic*, 1 hour, Dr. Swain.

Obstetrics and Diseases of Women and Children: Lectures and Recitations, 2 hours, Professor Campbell. Demonstrations, 1 hour, and Dispensary Clinic, 2 hours, Professor Cheney. *Obstetrical Cases* under the direction of Professor Cheney.

Dispensary Clinics, daily. Hospital Clinics. Operations at the Hospital.

CHEMISTRY—In the lectures and recitations on *General Chemistry*, the object of the instructor is to cause the students to understand the fundamental principles of the science, and to comprehend the relationship between the various classes of chemical compounds. The properties of the elements and their chief compounds are illustrated by experiments and the use of a large collection. Much attention is devoted to the study of the typical organic compounds.

Qualitative Analysis is taught so far as to require the students to be able to analyze a mixture of the salts of the common metals. Each student is furnished with a desk and all required apparatus and reagents. The course is systematic and is well adapted to cultivate habits of observation and the analytical method of thought. In *Quantitative Analysis* each student makes a number of typical determinations by volumetric and gravimetric methods.

The course in *Physiological Chemistry* consists of recitations and a practical laboratory study of many of the proximate principles of the animal body, and the reactions and composition of the various tissues and fluids, particularly the digestive juices and the urine.

In the Senior year there is a short laboratory course, dealing particularly with analytical methods of value in clinical and sanitary work. The study of normal urine is then supplemented with abundant practice in the chemical and microscopical examination of pathological specimens.

ANATOMY—The course in anatomy extends through two years with examinations at the end of each year.

The instruction is given by means of recitations, with frequent reviews, lectures, and laboratory work, fully illustrated by fine models, dissections, and the use of several hundred lantern slides. Thoroughness of detail is aimed at, but essential points are emphasized and every opportunity is taken for illustrating the application of anatomy to practical medicine. Each student is provided with a box containing the bones of the skeleton for home study. A new laboratory has been recently equipped in the most approved manner, and is amply provided with material for dissection. The students dissect under the immediate supervision of the instructor, and are required to demonstrate satisfactorily each part dissected after its completion. The written examination at the close of the first year is upon osteology, syndesmology, and myology. The instruction of the second year includes angiology, neurology, and splanchnology. Special attention is directed to the study of the brain and cerebral localizations.

Topographical and Surgical Anatomy—The senior students receive instruction in the topographical and special surgical relationships of anatomy in a course of lectures with demonstrations on the living model and the cadaver.

Normal Histology and Embryology—The instruction in these subjects includes a careful consideration of the histological structure of the adult body compared with that of the foetus in various stages of development, together with the history of the formation and growth of the embryo as a whole. By this method the student is enabled to gain not only a thorough understanding of the structure of the various tissues and organs of the body, but also to trace their development and growth. The course of instruction consists of lectures, recitations, and laboratory work. The lectures are very fully illustrated by lantern transparencies made from photographs of typical sections and drawings. These are accompanied by recitations from a standard text-book. In the laboratory, each student is furnished with a microscope and an outfit of all reagents and apparatus required for thorough work. He receives carefully prepared sections and specimens of the tissues and organs of the body, both in the adult and embryonic conditions; these are mounted for permanent preservation and from them careful drawings are made. Practical instruction is given each student in the technology of the subject.

The laboratory cabinet contains an extensive reference collection of histological specimens and serial sections of embryos; this together with the most recent instruments and publications, and an abundant supply of material, affords good facilities for advanced work.

PHYSIOLOGY—The course of instruction in Physiology embraces two years. During the first term of the first year the subject as presented

in Huxley's Elements of Physiology is thoroughly reviewed, and the student is required to pass a satisfactory examination at the end of the term. This introductory course familiarizes the student with the groundwork of the study of the phenomena of life in man, and thus enables him to comprehend better the importance and application of the other studies simultaneously pursued.

During the remainder of the first year, the chemical phenomena of Physiology are studied in detail, and in the second year the physical phenomena receive attention. The instruction is by lectures,—the excellent treatise of Landois and Stirling being used as a complement to the lectures. The course is throughout fully illustrated by experiments. Frequent examinations are intended to hold the student to his work. The instruction aimed at is eminently scientific. The student must not only know the facts, but wherever possible he must be able to state the reason for the facts, as only by this means is scientific method of thought attainable. The new laboratory is well equipped with chemical and physical apparatus, and is designed to afford every opportunity for the student and investigator. Those fitted for advanced work are received into the laboratory, supplied with apparatus, and directed in methods of original investigation. The library of the professor in charge is freely open to those connected with the School.

MATERIA MEDICA AND THERAPEUTICS—The instruction in this department extends through the Middle and Senior years. The first year's course consists of recitations on materia medica, with personal blackboard work on prescription-writing, and the demonstration of all the crude drugs, salts, alkaloids, and preparations of the Pharmacopœia.

The second year is devoted to recitations on the minute details of the physiological action of drugs and their therapeutic uses, with lectures on new drugs, massage, electricity, etc. During this year the students serve as clerks to the several Dispensary physicians, in rotation, and thus have a valuable opportunity to extend their practical knowledge of therapeutics and prescription-writing.

Pharmacy—The School has a convenient and well equipped laboratory in which students are instructed by practical exercises in the preparation and compounding of drugs.

PATHOLOGY—The instruction in pathology consists of lectures, recitations, and laboratory work in pathological histology. The new laboratory is supplied with excellent microscopes which are furnished to each student, together with all necessary apparatus and reagents for the preparation, study, and preservation of microscopical specimens of morbid tissues.

Pathological anatomy is illustrated by a large collection of specimens and drawings, with which the museum is supplied, and supplemented by fresh pathological specimens. Students are also expected to attend all the autopsies made at the Morgue of the New Haven Hospital. This large and convenient morgue was constructed with special reference to rendering autopsies available for the instruction of students.

Medical Jurisprudence—Instruction in this subject is given by lectures on special topics, and by reports of the cases coming before the medical examiner and the coroner of New Haven County, and by reviews of cases occurring in the courts.

Bacteriology—The School has a special laboratory for the study of Bacteriology, which contains a fine equipment of modern apparatus, for carrying on investigations in all lines of research regarding bacteria. There is also maintained a cabinet of cultures, both saprophytic and pathogenic.

The instruction to students includes lectures and demonstrations of the various methods and apparatus for bacteriological research, and practical exercises in the methods which have become of value in clinical diagnosis. Graduates and those desiring to do special work will be afforded excellent opportunities for study.

MEDICINE—The method so long in vogue in medical schools of teaching this important branch solely by didactic lectures, has for a few years past been superseded by a method combining lectures and recitations in the same exercise. It is the experience of this school that the latter method has been attended with much more satisfactory results. By this mode of instruction the student is not only informed of the special subject of the day, but is required to prepare himself from a text-book. During the recitations questions are encouraged, and the Professor has thus the best opportunity to explain such obscure points as he may find are not fully appreciated. The intent and aim of the teaching is to give the instruction a practical direction, the teacher being constantly mindful of the real needs of the student.

Clinical Instruction is carried on at the New Haven Hospital, and at the New Haven Dispensary which is on the School grounds.

The clinical instruction in internal medicine in connection with the Dispensary comprises three clinics weekly held for the Senior and Middle classes by the Professor of Clinical Medicine. The cases exhibited are such as may be selected from among the patients for their instructive character and cover very completely the range of diseases exhibited by walking patients. In these clinics especial attention is devoted to the demonstration of all signs and symptoms of disease, and instrumental or other means for their detection; auscultatory,

palpatory, or other features which demand it, being demonstrated to the students individually in succession.

The Dispensary service in internal medicine which supplies these clinics is divided into three divisions, each under the immediate supervision of a physician, assistant to the Professor of Clinical Medicine. Each of these assistants is in attendance twice a week, and to each of them are assigned from the Senior class three clinical clerks, who are changed each month. The clinical clerks take the histories and make the preliminary examinations of patients, which are revised by the assistants who prescribe the treatment. While the clinical clerks are appointed primarily for the relief of the assistants in their examination of the patients, they find here necessary, and we believe unexcelled, opportunities for rendering themselves familiar with practical medical work. The urine, sputum, blood, etc., when these require investigation, are examined by the students under the direction of the instructors in chemistry and bacteriology. Cases which need to be seen at home are put in charge of senior students with such supervision as each case requires.

At the Hospital one medical clinic is held each week by Professor DeForest, Dr. Daggett, or Dr. Fleischner. These are general medical clinics, but particular attention is given to the demonstration of the various signs of importance in *Physical Diagnosis*. Opportunity is also here provided for the study of those severer cases which the Dispensary service does not furnish, and care is taken to have the students see the same patient in various stages of his disease, and, in fatal cases, to demonstrate the lesions at the autopsy.

Mental Diseases receive special consideration in a course of didactic lectures by Dr. Stearns, and by visits to hospitals for the insane.

Dermatology is taught in a course of clinical lectures by Dr. Fleischner.

Sanitary Science and the Public Health receive attention from Professor Brewer in a course of lectures, which includes the elements of these subjects, with a discussion of methods in practice, and of public sanitary administration.

Toxicology is taught in a course of lectures, and as treated includes a discussion of the general subject-matter of the science, the statistics of the use of the different poisons, and an exposition of the chemistry and the medico-legal bearings of the ptomaines.

SURGERY—Three didactic lectures on the principles and practice of surgery are given weekly, to the Senior and Middle classes, the course running through two years. Illustrations of minor surgical practice are shown in the service of the New Haven Dispensary, by Professor Carmalt, who has charge of the surgical division. The wards of the

New Haven Hospital afford opportunities for the observation and study of the more severe injuries and important surgical diseases. Professors Carmalt and Russell, who are of the visiting staff, hold weekly clinics during their terms of service, in which the advanced students are shown the cases during their whole stay in the Hospital, studying the causes which necessitate operations, where such are necessary, seeing the operations, among which are many of the most important in surgery, and observing the results of treatment.

Ophthalmology is taught in a special course of lectures by Dr. S. B. St. John, of Hartford, and illustrated by a large number of cases in the surgical clinic. Each student is also personally instructed in the use of the opthalmoscope and the principles of the methods for the determination of the errors of refraction.

Otology and Laryngology are taught by Dr. Swain in the Dispensary clinics. Each student is required to make examinations with instruments, and becomes familiar with their use and with the normal and principal pathological conditions of the throat and ear.

Obstetrics and Diseases of Women and Children—Instruction is given in obstetrics by lectures and recitations, with systematic personal instruction by means of the manikin, on the several positions of the foetus *in utero*, the chief points of diagnosis, and the operations of midwifery. The out-department of obstetrics in the Dispensary is under the charge of the assistant Professor of Obstetrics. With him and his assistants the Senior students attend the cases during and after confinement.

Gynecology is taught by recitations and clinics. The Senior students receive personal instruction in the methods of diagnosis and treatment in the Dispensary.

Diseases of Children—This important branch of medicine is taught by didactic lectures and recitations, as well as by clinical instruction at the Dispensary and Hospital.

The New Haven Hospital is situated but a short distance from the School buildings, and being the chief hospital in a large manufacturing city, which is also a considerable railroad center, its wards constantly afford ample material for the illustration of disease, and furnish frequent occasion for the performance of the various surgical operations.

The new *operating theatre* is thoroughly equipped with every requisite and convenience for surgical work. The arrangements are planned with special reference to making the operations available for purposes of instruction to students.

Three Resident Physicians are appointed annually according to the results of an examination before the medical staff. Graduates of this School frequently obtain appointments also in the hospitals of neighboring cities.

THE NEW HAVEN DISPENSARY is located on the School grounds. Extensive changes have recently been made in the building; a substantial addition has been erected and the old building remodeled. It is now so arranged as to afford the greatest facilities for the examination and treatment of the many patients who seek aid at this charity, and to furnish the best opportunities to instruct the students, who participate daily in the work of the institution.

WRITTEN EXAMINATIONS are held at the close of each year on the studies of the year. The examinations at the end of the first year are upon General and Physiological Chemistry, Histology, Anatomy, and Physiology. Those at the end of the second year are upon Advanced Physiology, Advanced Anatomy, and Materia Medica. Those at the end of the third year are upon Pathology, Surgery, Medicine, Therapeutics, and Obstetrics, with a practical examination in Clinical Medicine.

REQUIREMENTS FOR A DEGREE

To be eligible for the degree of Doctor of Medicine, every candidate must fulfill the following conditions:

I. He must be at least twenty-one years of age, and must sustain a good reputation for moral character.

II. He must have spent three years as a student in this School, or if but one or two years in this School, he must have pursued such studies in some other recognized institution, as are considered by the Faculty to be the equivalent of the remainder of the full term of study. The last year must have been in this School.

III. He must have passed to the satisfaction of the Faculty the prescribed examinations of the course; and he must have presented a satisfactory thesis on some subject relating to medicine. The thesis should be presented to the Dean on the third Wednesday before Commencement.

HONORS AND PRIZES

The degree of Doctor of Medicine *magna cum laude* will be conferred on students whose examinations and school work show distinguished merit.

The degree of Doctor of Medicine *cum laude* will be conferred on students whose examinations and school work show unusual merit.

THE CAMPBELL GOLD MEDAL is awarded to that member of the graduating class who secures the highest rank in the examinations of the course.

THE KEESE PRIZE—The income of the fund for the Keese Prize, a memorial of Hobart Keese, M.D., of the class of 1855, which amounts to about $140 annually, is awarded by the Faculty to that member of the graduating class who presents the best thesis.

THE OBSTETRICAL PRIZE, consisting of a set of obstetrical instruments, is awarded to that member of the graduating class who passes the best examination in obstetrics.

Any of these prizes may be withheld at the option of the Faculty.

LIBRARY

The University Library contains about 170,000 volumes and includes the Medical Library. Medical students have the same privileges of consulting and drawing books as other students of the University.

GYMNASIUM

The privileges of the University Gymnasium can be had on payment of the fee of $5 annually.

FEES AND EXPENSES

FIRST YEAR:

Matriculation (paid but once),	$ 5.00
Tuition,	140.00
Practical Anatomy (including instruction and material),	10.00

SECOND YEAR:

Tuition,	$140.00
Practical Anatomy (including instruction and material),	5.00
Practical Pharmacy,	5.00

THIRD YEAR:

Tuition,	$80.00
Graduation,	30.00

A deposit of $5 is required in the chemical laboratory, and one of $1 in the histological laboratory, to cover the cost of apparatus broken by the students.

These fees give entrance to all the instruction of the School including not only the lectures and quizzes, but the practical courses in analytical and physiological chemistry, urinary analysis, histology, pathology, osteology, and clinical medicine and surgery.

The tuition fee for the first and second years is due at the beginning of each of the three terms, in installments of $50, $50, and $40, respectively; for the third year the installments are $30, $30, and $20.

Fees are paid to the Treasurer of the University, except the matriculation fee and the fee for graduation, which are paid to the Dean.

BOND—Students who do not pay when their bills are due are required to give a bond to the Treasurer for three hundred dollars, executed by a satisfactory bondsman; a blank for this bond will be furnished on application to the Treasurer. Those who deposit such bonds will receive term-bills, with interest added, shortly before the end of each term, to be paid, on or before the commencement of the next succeeding term, and students who deposit bonds, must pay all arrearages before they can receive back their bonds from the Treasurer. No degree can be conferred, nor any certificates of attendance or examination furnished, until all bills due the School are paid.

Students will be assisted in finding board and lodging by the Janitor of Medical Hall.* Prices range from four and a half dollars a week upwards.

* Mr. William Blackwood, 146 York St.

INSTRUCTION TO GRADUATE AND SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE IN MEDICINE

The instruction here offered to graduates in medicine is intended to meet the requirements of two classes of students: first, those who wish to review or supplement their knowledge of the regular studies of the medical curriculum, as taught in this School; and second, those who wish to fit themselves in special lines of medical work, or for the duties of a medical examiner, or for medico-legal and sanitary examination.

Courses in the following subjects are specially mentioned: Experimental Physiology; Physiological Chemistry; Chemical Analysis, including General Qualitative Analysis and the Quantitative Methods as applied in medicine; Experimental Toxicology and Medico-Legal Examinations; Sanitary Analysis, including the Chemical and Bacteriological Examinations of Food, Air, Water, etc.; Practical Anatomy; Normal and Pathological Histology; General Bacteriology. But any of the regular studies may be taken, and special courses to meet the requirements of the students may be arranged at hours convenient to the instructors.

Special Students are not taken in the practical branches of medicine, but the studies mentioned above and the general studies of the course are open to such persons as may desire to pursue them, if by their previous studies they are prepared to profit by the instruction.

The charges for instruction will depend on the courses taken, and can be ascertained for any particular line of study by applying to the Dean.

For further information, address Professor HERBERT E. SMITH, Dean. Office hours, from 11:30 A. M. to 12:30 P. M. on Wednesdays, in Room, No. 25, at the School, 150 York St.

DEPARTMENT OF LAW

(YALE LAW SCHOOL)

FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

HON. FRANCIS WAYLAND, LL.D., *Dean*

HON. WILLIAM C. ROBINSON, LL.D., *Professor of Elementary and Criminal Law and the Law of Real Property*

HON. SIMEON E. BALDWIN, LL.D., *Professor of Constitutional and Mercantile Law, Corporations, and Wills*

MORRIS FRANK TYLER, M.A., LL.B., *Professor of General Jurisprudence*

HON. WILLIAM K. TOWNSEND, D.C.L., *Edward J. Phelps Professor of Contracts and Admiralty Jurisprudence*

THEODORE S. WOOLSEY, LL.B., M.A., *Professor of International Law*

GEORGE D. WATROUS, D.C.L., *Assistant Professor of Contracts and Torts*

GEORGE E. BEERS, M.A., M.L., *Assistant Professor of Elementary Law, Contracts, and Equity*

SPECIAL LECTURERS AND INSTRUCTORS

IN THE UNDERGRADUATE COURSE

HON. EDWARD J. PHELPS, LL.D., *Instructor in Equity and International Law*

HON. NATHANIEL SHIPMAN, LL.D., *Lecturer on Jurisdiction of and Procedure in the United States Courts*

JAMES B. THAYER, LL.D., *W. L. Storrs Lecturer on Municipal Law*

MARK BAILEY, M.A., *Instructor in Forensic Elocution*

HON. AUGUSTUS H. FENN, M.A., *Lecturer on Pleading*

HON. JOHN H. PERRY, LL.B., M.A., *Instructor in Evidence and Commercial Law*

THOMAS THACHER, LL.B., M.A., *Lecturer on Corporate Trusts*

JAMES M. TOWNSEND, JR., B.A., LL.B., *Lecturer on Transfer of Monetary Securities*

GEORGE M. SHARP, LL.B., M.A., *Lecturer on Insurance*
C. LARUE MUNSON, LL.B., M.A., *Lecturer on the Beginnings of Practice*
HOWARD H. KNAPP, B.A., LL.B., *Lecturer on Connecticut Practice*
EDWARD G. BUCKLAND, B.A., LL.B., *Instructor in Contracts*

IN THE GRADUATE COURSE

ALBERT S. WHEELER, M.A., *Instructor in Roman Law*
ARTHUR M. WHEELER, M.A., *Instructor in English Constitutional Law*
WILLIAM G. SUMNER, LL.D., *Instructor in Political and Social Science*
HON. DAVID TORRANCE, M.A., *Instructor in Sales and Evidence*
TALCOTT H. RUSSELL, B.A., LL.B., *Instructor in Municipal Corporations and Insurance*
ARTHUR T. HADLEY, M.A., *Instructor in Railway Management and Economics of Transportation*
EDWIN B. GAGER, B.A., *Instructor in Mortgages*
ROGER FOSTER, LL.B., M.A., *Lecturer on Federal Jurisprudence*
LEONARD M. DAGGETT, B.A., LL.B., *Instructor in Testamentary Law*

WILLIAM TRUMBULL, B.A., LL.B., *Librarian*
CHARLES V. HENRY, *Assistant Librarian*
HARRY G. DAY, PH.B., LL.B., *Instructor of Quiz-Clubs*
ROGER S. BALDWIN, B.A., M.L., *Instructor of Quiz-Clubs*

It is the aim of the School to give to all students in its regular undergraduate course a thorough acquaintance with the general principles and rules of American law, so as to fit them for the Bar of any State; to extend to those who do not propose to become practicing lawyers, but wish to pursue some particular branches of legal or political knowledge, such assistance as they may desire; and to offer to advanced students further instruction in all that belongs to law as a science in its widest sense. Such instruction is given in an undergraduate course, a graduate course, and two special courses.

The undergraduate course is mainly devoted to the practical side of legal education, but also gives an introduction

to the general ideas and sources of jurisprudence. The final year of graduate instruction is mainly confined to studies of a more scientific and philosphical character, such as General and Comparative Jurisprudence, Legislation and Government, Economics, Roman Law, the French Codes, and Private International Law; and is designed for those only who desire to fit themselves to be something more than practicing lawyers. For the special courses see page 274.

The new building recently erected for the School, facing the Green, near the College Square, has ample accommodations for carrying on its work, including large reading and consultation rooms for the use of the students, though they are still allowed free access to the shelves of the library, as in former years. The building is also within two blocks of the Court House of New Haven County, in which two terms of the Supreme Court of Errors of Connecticut are held annually; while the Superior Court and Court of Common Pleas (the principal Civil and Criminal Courts of the State) are also in session there almost daily, during each of the School terms; thus affording the students peculiar facilities for observing actual practice in court.

The library of the School is open until ten in the evening, and students are encouraged to examine the books on the shelves for themselves, without the intervention of the librarian. The familiarity with the reports and authorities that is thus gained the Faculty deem of great importance in accustoming the student to prepare his cases intelligently and thoroughly in his future practice.

A debating society—the Kent Club—gives a good opportunity for practice in public speaking, and the formation of class quiz-clubs, to meet in the Law School apartments, is also provided for. Those formed in the Junior year are under the special direction of competent instructors. The discussion of legal topics, unreservedly and familiarly by the students among themselves, is promoted, and the fact that they generally come from a wide range of States renders

such comparisons of ideas of special interest and value to all. The share of the School in the general advantages of the University gives the students many opportunities of broadening their views and acquiring knowledge in regard to matters outside of their strictly professional work. They can, on application to the Dean, obtain permission to be present at one or more of the special courses of instruction in the Department of Philosophy and the Arts, or the lectures on Medical Jurisprudence, Anatomy, Insanity, etc., in the Medical School, on payment of a moderate fee.

COURSES OF INSTRUCTION

The regular course of study for candidates for the degree of LL.B. covers a period of two years. *After the close of the academic year 1895–96* it will be extended to three years. Bachelors of Arts, however, of approved colleges will be permitted to complete the three years' course in two years, if they are able to do so; and the same privilege will be accorded to any others who in the judgment of the Faculty are qualified by their natural abilities or previous training to undertake so arduous a labor.

The general order of instruction, including both required and elective studies, is as follows:

FIRST YEAR:

Outlines of American Law.	Notes and Bills.
Elementary Law.	Torts.
Real Property.	Pleading.
Contracts.	Evidence.
Mercantile Law.	Wills.

Elective

Commercial accounts, with practical instruction in bookkeeping.	Elocution.

SECOND YEAR:

Real Property.
Contracts.
Equity.
Corporations.
Criminal Law.
Pleading.
Evidence.
Constitutional Law.
International Law.

Elective

Conveyancing.
Forensic Oratory.
Medical Jurisprudence.
Roman Law.
Elocution.

THIRD YEAR:*

Contracts: Special topics; Insurance, etc.
Sales.
Wills.
Municipal Corporations.
Evidence.
Railroad Law.
Practice in the United States Courts.
Equity: Special topics; Trusts, Mortgages, etc.
General Jurisprudence.

Elective

Patents.
Admiralty.
International Law.
Political History and Science.
English Constitutional History.
Railway Management.
Elocution.

Lectures on special topics will also be given during the course, as follows:

Estates,	Professor ROBINSON.
Practice in the U. S. Courts,	Judge SHIPMAN.
Corporate Trusts,	Mr. THACHER.
Transfer of Monetary Securities,	Mr. TOWNSEND.
Insurance,	Mr. SHARP.
Beginnings of Practice,	Mr. MUNSON.

GRADUATE COURSE

FOURTH YEAR:

Roman Law.
General Jurisprudence.
Comparative Jurisprudence.
American Diplomatic History.
Political and Social Science.

* Until the close of the Academic year 1895-6, this year will constitute the first year of the Graduate Course; from and after that date it will constitute the last year of the Undergraduate Course.

Elective

Political Geography in its relations to Political History.
English Constitutional Law.
Economics of Transportation.
Public Finance: Labor Organizations.
Economic Policy: United States Financial History.
Comparative Constitutional Government.
Political and Constitutional History of the United States.
Medieval Institutions.
Canon Law.

The method of instruction is largely that of recitations. It is the conviction of the Faculty of this Department, as well as the tradition of the University, that definite and permanent impressions concerning the principles and rules of any abstract science are best acquired by the study of standard text-books in private, followed by the examinations and explanations of the recitation-room. Hence, although certain subjects are separately taught by lectures, either because the want of proper manuals, or the constant and rapid advance of learning, or economy of time, requires the adoption of that method, care is taken that the same topics as far as practicable shall be covered by recitation work in connection with the wider branches of the law to which they belong. The study and analysis of reported cases of special importance, illustrating the development of law in its leading branches down to the present time, are also required, and many of these are separately printed by the Department and distributed for more ready consultation in connection with the different courses of instruction. The recitation hours, however, are only in part devoted to questioning the student. While this is done with sufficient thoroughness to hold him up to his work of preparation, matters not fully treated in the text-book used are presented at greater length. Ample opportunity is also afforded for a free colloquial discussion of the subject of the lesson and for the presentation and solution of the difficulties which he may have encountered in his private study. In this manner each student is brought into personal communication with the instructor in reference to his daily work, and as far as practicable, receives the benefits which would be obtained if he were placed under the individual tutorship of his professor.

The several courses of study to which the attention of the student is directed in his first and second years are intended to familiarize him with all the branches of the law which ordinarily become useful to the practitioner in his professional life. The course embracing American Law, English and American Constitutional Law, and Elementary Law, is pursued under the guidance of six different professors. In this course, the fundamental conceptions which underlie all systems of

jurisprudence are brought to the notice of the student and fully defined and explained; the peculiar doctrines which characterize our American Law are pointed out; the principles of constitutional government, and the special features it exhibits both in this country and in England, are discussed; and the entire body of the common law in its four great divisions, is reduced to distinct propositions and illustrated by numerous collateral readings. This course alone covers the ground usually traversed by the student in an office prior to his admission to the Bar.

The course in Real Property includes recitations in a standard work of a general character, and, subsequently, in text-books upon special subjects such as the Law of Mortgages, the Law of Trusts and Charities, etc. Collateral to this course are two others: one, a series of lectures on Estates, in which the law and practice in Guardianships of Infants and Incapables, and the Administration of Decedents' Estates, are considered; the other, a course of practical instruction in Conveyancing, in which the students are exercised in drawing all the instruments commonly employed in the transaction of business concerning real property.

The course on Contracts is the most extended, as it is the most important, in the School. It occupies a great part of the time of four of the professors and several of the instructors during the graduate and undergraduate courses, and embraces, among other important topics, those of Agency, Bailments, Bankruptcy and Insolvency, Bills and Notes, Consideration and Assent, Contract Liabilities of Infants and Married Women, Liens, Marine, Fire, and Life Insurance, Partnership, Sales, Shipping, Sureties, Trademarks, and Telegraphs. Collateral to this course are four others: one on Wills, in which the law of testamentary dispositions and executorship is examined; another on Patents, in which the nature of patentable inventions, the mode of issuing letters patent, and the remedies for infringement are considered; a third on Corporations in general, treating the law governing the organization, privileges, duties, and liabilities of all incorporated bodies; the fourth on Public Corporations.

The course on Torts consists of recitations on that subject, from recent and approved text-books, and an analysis of leading cases, separately printed, with a running commentary by the instructor, explaining and applying the principles contained in the lesson.

The course on Equity embraces the whole body of Equity Jurisprudence, and is taught by recitations from the text-book, with stated lectures on the obscurer topics.

The course on Criminal Law extends through part of the second year, and embraces the topics of Procedure and Evidence as well as the sub-

stantive law of Crimes. Current cases of note, arising in any part of the country, are made subjects of discussion in connection with the rules of law by which they are to be decided.

The courses on Pleading embrace the subjects of Common Law and Code Pleading, both taught by recitation and examples, while the details of the latter are enforced by requiring the students to draw complaints, answers, etc., in cases of their own selection, and to submit them to the instructor for criticism and correction. Special instruction is also given to each student as to the system of pleading and conveyancing in use in the State in which he expects to practice.

The course on Evidence covers both its general rules, and those applicable to each form of action. It extends over three years, recitations being supplemented by lectures amplifying and explaining in the light of modern cases the principles involved in the various topics. Collateral to this and the foregoing course are three others: one on Forensic Oratory, in which the rules governing the preparation and conduct of a suit, in all its different stages, are studied, and afterward applied in a moot court in which regular jury trials are conducted; the second, on Forensic Elocution, in which practical instruction is given in the art of public and forensic speaking; the third on Practice, a series of familiar lectures on the methods of transacting general legal business.

The course on International Law consists of lectures not only covering the general field occupied by Woolsey and Pomeroy, but treating also of any questions which may be, for the time being, exciting public attention, and which demand the application of the principles previously examined.

The course on Roman Law in the second year is an introduction to the more advanced studies of the graduate course, and, though necessarily brief, is sufficient to indicate the distinguishing features and doctrines of the civil law, and to refer to the original sources for more detailed information.

The studies of the third year have been selected with a view to preparing the intended practitioner for the higher walks of his profession, but also give opportunities for reviewing, from new points of observation, some of the most important studies of the preceding years. The subjects are of universal interest, the law which governs them is substantially the same in all parts of the country, they involve the most extensive financial enterprises of the age, and on these accounts form the most important practical topics at present embraced within our law. Particular attention to them has, therefore, been deemed an essential requisite to a finished legal education. The various courses are critically taught both by text-book and by lecture, and each student

receives all the assistance he may desire in his personal examination of cases and authorities. Special attention is paid to the methods of practice and pleading in the United States Courts, both in Common Law, Equity, and Admiralty cases, and instruction is therefore given on these subjects by three of the Faculty. The students are required to draft pleadings, and in matters of special difficulty, such as the conduct of proceedings *in rem* in Admiralty, these pleadings are carried on through all the usual steps, and the issues made up are argued before the Professor. The value of this year to an earnest and intelligent student who is ambitious to occupy a place among the leaders of his profession cannot be over-estimated.

The courses of instruction in the fourth (graduate) year are designed to afford to the advanced student an opportunity to round out his legal acquirements with a knowledge of the more profound and philosophical principles of human law. The primary conceptions to which he was introduced at the commencement of his studies are again taken up and developed in a scientific method, and examined in the light of various systems of practical jurisprudence now or heretofore prevailing. In view of the limited time which can ordinarily be devoted by young men to these pursuits, the courses have been so arranged as to present these fundamental ideas as clearly and in as many applications as is possible, leaving it to future private study to enlarge the outline and complete the details of the work.

The courses on General Jurisprudence consist of lectures and recitations from such works as Holland, Markby, and Austin on Jurisprudence, Holmes on the Common Law, etc. The graduate course on Roman Law comprises the careful study of the Institutes of Justinian, in connection with institutional works of modern authors, and the perusal of selected titles from the Digest, accompanied by oral explanations. Particular attention is devoted to this subject, and every effort is put forth to make the students familiar with the doctrines of the civil law, as well as with the technical language in which these have been expressed. The time given to Comparative Jurisprudence is ordinarily devoted to a study of the French Codes, compared with other systems of jurisprudence, particularly the Roman, English, and American, with the investigation of leading cases decided in the French and American Courts. Comparative Constitutional Law is also treated at length by lectures based upon a critical examination of the constitution and government of the leading States of Europe and America. The course on Canon Law consists of a series of lectures on the history, development, and fundamental theories of the Canon Law, with select readings from the *Corpus Juris Canonici*, and from French and English treatises upon the subject. The lectures on Political and Social

Science, Economics, etc., are given in connection with the graduate courses in the Philosophical Department of the University, and attended by the graduate students of the Law School in common with the members of that Department.

In addition to the regular course of instruction, two Special Courses are provided: one for those who desire some acquaintance with law as a preparation for business life; the other for persons not intending any active business or professional career, but desiring to acquire an enlarged acquaintance with our political and legal systems and the rules by which they are governed. The first of these special courses covers a single year; the second comprises two years. The studies of the first course may be arranged as follows, but the selection can be varied (if desired) on consultation with the Dean of the Faculty:

Professor ROBINSON: Recitations—Elementary Law, Lectures—Estates.

Judge TORRANCE: Recitations—Sales.

Professor BALDWIN: Recitations—Agency, Partnership, Corporations, Lectures—American Law: American Constitutional Law.

Professor WATROUS: Recitations—Torts. Principles of Contract.

Professor TOWNSEND: Recitations—Marriage, and Husband and Wife, Sales, Shipping, Insurance, Securities, Bailments, Telegraphs, Trademarks, Liens.

Judge PERRY: Recitations—Bills and Notes.

Professor WOOLSEY: Lectures—International Law.

Professor BEERS: Recitations—Bankruptcy and Insolvency.

Professor HADLEY: Lectures—Industrial Legislation.

Mr. BAILEY: Lectures—Elocution.

Mr. THACHER: Lectures—Corporate Trusts.

Mr. J. M. TOWNSEND: Lectures—Transfer of Monetary Securities.

Mr. BUCKLAND: Recitations—Contracts.

SECOND SPECIAL COURSE—TWO YEARS

FIRST YEAR

Professor ROBINSON: Recitations—Elementary Law, Lectures—Estates.

Professor BALDWIN: Lectures—American Law, American Constitutional Law, and Wills; Roman Law; Public Corporations.

Professor WATROUS: Principles of Contract.
Professor BEERS: Recitations—Bankruptcy and Insolvency.
Professor TOWNSEND: Recitations—Sales, Insurance.
Professor SUMNER: Lectures—Political and Social Science.
Professor TYLER: General Jurisprudence.
Professor FARNAM: Lectures—Public Finance.
Professor HADLEY: Lectures—Industrial Legislation.
Mr. BAILEY: Elocution.
Mr. SHARP: Lectures—Insurance.

SECOND YEAR

Judge TORRANCE: Recitations—Sales.
Professor BALDWIN: Recitations—Trusts.
Judge GAGER: Recitations—Mortgages.
Mr. RUSSELL: Recitations—Municipal Corporations, Insurance.
Professor TYLER: Recitations—General Jurisprudence.
Professor WOOLSEY: Lectures—International Law.
Professor SUMNER: Lectures—Political and Social Science.
Mr. A. S. WHEELER: Recitations—Roman Law.
Professor SMITH: Lectures—American Constitutional History.
Mr. THACHER: Lectures—Corporate Trusts.
Mr. J. M. TOWNSEND: Lectures—Transfer of Monetary Securities.
Mr. DAGGETT: Recitations—Wills.
Dr. RAYNOLDS: Lectures—Comparative Constitutional Government.

In the latter course the students may, at their option, defer some of the studies of the first year until the second, and when desired, other branches taught in the Law School may be pursued, instead of certain of those here mentioned, at the discretion of the Faculty. Some or all of the studies of this course may be taken by those who having received a bachelor's degree implying a course of undergraduate study equivalent to that pursued in the Academical Department, are completing their education with a view of applying for the degree of Doctor of Philosophy. Those who take the full course may apply for the degree of Bachelor of Civil Law (B.C.L.).

Besides these various exercises, the undergraduate students are required, from time to time, to draft contracts, wills, and other similar instruments, the work of each being reviewed and commented upon, either in public or in private, by the instructor. Public Moot Courts, besides those

of the class quiz-clubs, are regularly held, at which one of the professors presides as judge, and the students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be. Occasionally, also, cases are tried by the students before a jury of their own number, in a court regularly organized, with a full complement of judicial, clerical, and executive officers, where the proceedings are conducted in the same manner as in ordinary courts of law.

TERMS AND VACATIONS

There are three terms in each year: the Fall Term, beginning thirteen weeks from the day after Commencement, and continuing to the Thursday before Christmas; the Winter Term, beginning in January, after a vacation of three weeks, and lasting eleven weeks; and the Spring Term, beginning after a vacation of two weeks, and continuing until Commencement.

REQUIREMENTS FOR ADMISSION

UNDERGRADUATE COURSE

Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character.

Those who have not received a liberal education at some collegiate institution will not be admitted to any class as candidates for the degree of LL.B., or of B.C.L., until they have passed satisfactory examinations in Roman, English, and American History, and English Literature. Such a knowledge of these subjects as can be gained from Creighton's Roman History, Green's Short History of the English People, Ridpath's History of the United States, and Shaw's New Manual of English Literature, should be sufficient to qualify the student for this ex-

amination. This preliminary examination will also call for a fair knowledge of English Grammar and Composition, Geography, Arithmetic, and the text of the Constitution of the United States. Those, however, will be excused from this examination who present a certificate that they have passed a "Regents' Examination for Law Students," conducted under the authority of the Board of Regents of the University of the State of New York.

Applicants for admission to advanced standing, as candidates for the degree of LL.B., will receive due credit for time previously spent in other Law Schools or under competent legal instructors, and for the branches of study there pursued, and upon passing satisfactory examinations on their work already done (and the required preliminary examination in cases to which it applies), will be assigned to such classes as the Faculty may deem them qualified to enter; but Attorneys at Law and graduates of other Law Schools will be allowed to enter, and will be so assigned, without examination.

After the extension of the undergraduate course to three years takes effect, students passing only two years at the School, and studying a third year elsewhere, can select any two of the three undergraduate years for residence, subject to the regulations above prescribed for admission to advanced standing.

Special students, not candidates for a degree, may be admitted to any of the exercises of the School without examination.

GRADUATE COURSE

A change in the arrangement of the graduate course was made in 1894, by which the first year of that course will eventually become the third year of the undergraduate course, and be governed by the rules before stated.

For the years 1894-95, 1895-96, 1896-97 and 1897-98, the former arrangement will be continued, which is as follows:

The first year of the graduate course (being the third

year of the regular instruction given at the School), is open, without examination, to graduates from any Law School, having the degree of LL.B., or to any Attorney at Law who presents a certificate of a judge of the highest court in his State that he has been in active practice during the previous five years and has a creditable standing at the bar.

The last (or fourth School) year is open only to those who have received the degree of Master of Laws (M.L., or LL.M.) at this School or some other having an undergraduate course and a graduate course leading to such degree, similar or equivalent to that in this School. A preliminary examination upon the outlines of Roman Law and Roman History must also be passed, by all who have not taken their Bachelor's degree at a Law School where Roman Law is a prescribed study. The degree of Doctor of Civil Law (D.C.L.) may be applied for at the end of this year, by those who have been graduated at some collegiate institution, as Bachelors of Arts, Philology, or Philosophy; or by graduates of this Law School, who attained a prescribed standard of scholarship on their examinations for their degrees in previous years, or by graduates of other Law Schools as above stated, who produce a certificate of distinction in scholarship from their former instructors. A good knowledge of either the French or German language, as well as of Latin, is also required. The Faculty will present no one for the degree of D.C.L. who has not attained a high standard of proficiency in the studies pursued.

After July 1st, 1898, the regular graduate course can be completed in one year, and the conditions of admission will be as follows:

The graduate year will be open, without examination, to graduates from any Law School presenting any diploma granted after a course of not less than three years' previous study, or having the degree of Master of Laws (M.L., or LL.M.) granted previously to September 1st, 1898, by this

School or some other having a graduate course leading to such degree, similar or equivalent to that in this School, existing prior to that date. A preliminary examination upon the outlines of Roman Law and Roman History must also be passed, by all who have not taken their degree at a Law School where Roman Law constituted one of their studies.

The degree of Doctor of Civil Law (D.C.L.) may be applied for at the end of this year, by those students who have been graduated at some collegiate institution, as Bachelor of Arts, Philology, or Philosophy; or are graduates of this Law School, who attained a prescribed standard of scholarship on their examinations for their degrees; or are graduates of other Law Schools as above stated, and present a certificate of distinction in scholarship from their former instructors. A good knowledge of either the French or German language, as well as of Latin, is also required. The Faculty will present no one for the degree of D.C.L. who has not attained a high standard of proficiency in the studies pursued.

To students who pass a satisfactory examination, but not one of sufficient excellence to warrant the grant of a doctorate, the degree of Master of Law (M.L.) will be awarded.

Graduates of Law Schools having a two years' course; graduates of the Yale Law School who did not attain the prescribed standard of scholarship at their final examinations prior to such graduation; those not graduates of any collegiate institution as well as of a Law School; and students who substitute some other study of the graduate course for Roman Law, will also be admitted to the degree of Master of Laws, on passing a satisfactory examination upon the studies pursued.

The presentation of a satisfactory thesis, on a given topic, is also required as a condition of either degree.

EXAMINATIONS

There will be an examination of candidates for admission to the Junior Class at the Law School in New Haven on the day before the opening of the Fall Term. In 1895 examinations for admission to the Junior Class will also be held on June 27, in Albany, N. Y., Buffalo, N. Y., Chicago, Ill., Cincinnati, O., Cleveland, O., Denver, Col., Milwaukee, Wisc., New York City, Philadelphia, Pa., Pittsburgh, Pa., Portland, Oregon, St. Louis, Mo., St. Paul, Minn., San Francisco, Cal., Tacoma, Wash., and Washington, D. C., at rooms as announced on pp. 39–40. Candidates who propose to be present elsewhere than at New Haven are requested to send their names to Professor George E. Beers, Secretary of the Faculty, before June 15. A fee of five dollars (payable at the opening of the sessions is charged for admission to examinations outside of New Haven.

Regular examinations of candidates for admission to advanced standing are held at the end of the Spring Term, or beginning of the Fall Term. Examinations for degrees are held only at the close of the Spring Term. To students who, after two years of residence at the School, pursue their studies for a third year elsewhere, and return for their final examinations for a degree, a fee of $15 for such examinations will be charged.

LIBRARY, PRIZES, ETC.

The special Library of the Department, which has a permanent endowment for its support (the English Fund, established by the Hon. James E. English, M.A. in 1873), contains about nine thousand volumes, and is open daily and in the evening during term time. It embraces all the reports of Great Britain and America, with an extensive collection of text-books, and the leading legal periodicals. The students can also draw books from the general University libraries, containing over 200,000 volumes.

The following prizes are open to competition :

The TOWNSEND PRIZE (established by the Hon. James M. Townsend, in 1874), of one hundred dollars, to that member of the Senior Class who shall write and pronounce the best oration at the public anniversary exercises on graduation.

The JEWELL PRIZE (established by the Hon. Marshall Jewell, M.A., in 1871), of fifty dollars, to that member of the second-year Class who receives the highest marks at his annual examination.

The BETTS PRIZE (established by Frederic H. Betts, M.A., in 1875), of fifty dollars, to that member of the Junior Class who receives the highest marks at his annual examination.

The MUNSON PRIZE (established by C. LaRue Munson, LL.B., M.A., in 1890), of fifty dollars, for the best graduating thesis by a member of the Senior Class.

One Prize of fifty dollars, one Prize of thirty dollars, and one Prize of twenty dollars, to those three members of the Yale Kent Club, who, at a public competitive debate, are pronounced first, second, and third in excellence as debaters.

DEGREES

In the undergraduate course, the degree of Bachelor of Laws or Bachelor of Civil Law, as the case may be, is conferred by the Corporation upon the recommendation of the Faculty of the Department, on all students who having finished the prescribed courses of study have passed satisfactory examinations thereon, and have submitted to the Faculty a creditable thesis on some designated legal subject. In the graduate course the degrees of Master of Laws

(M.L.) and Doctor of Civil Law (D.C.L.) are conferred on those who comply with the conditions already specified on page 278.

Degrees are awarded, in cases of students of unusual merit, *cum laude*, *magna cum laude*, or *summa cum laude*.

Students who are members of the Department prior to July 1, 1896, will receive degrees under the conditions existing at the date of their entrance into the school.

EXPENSES

Until July 1, 1896, the fees charged will be regulated as follows:

The fees for tuition and use of the Law library in the undergraduate and first special courses are forty-five dollars for the Fall Term, thirty-five dollars for the Winter Term, and thirty-five dollars for the Spring Term, or one hundred dollars for the entire year if paid in advance; and in the graduate and second special courses, for the first year, fifty dollars for the Fall Term, forty dollars for the Winter Term, and forty dollars for the Spring Term, or one hundred and twenty-five dollars for the whole year if paid in advance; and for the second year, eighty dollars for the Fall Term, seventy dollars for the Winter Term, and seventy dollars for the Spring Term, or two hundred dollars for the whole year if paid in advance; to be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction. Where payment is not made in advance, interest will be added. All members of the Law Department are required to pay in advance, an annual assessment of five dollars for the use of the University Library. The fee for gradution is five dollars. The tuition charges for special students vary in proportion to the amount of instruction and supervision required.

After July 1, 1896, the fees charged will be regulated as follows:

The fees for tuition and use of the University and Law libraries are in the undergraduate and first special courses forty-five dollars for the Fall Term, forty dollars for the Winter Term, and forty dollars for the Spring Term, if paid each term or one hundred and ten dollars for the entire year (if paid in advance); and in the graduate and second special courses, eighty dollars for the Fall Term, seventy dollars for the Winter Term, and seventy dollars for the Spring Term, if paid each term, or two hundred dollars for the whole year (if paid in advance). Tuition fees, whether paid by the term or for the year, must be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction; and where payment is not made in advance, interest will be added. The fee for graduation is five dollars.

The tuition charges for special students not taking one of the full special courses, vary in proportion to the amount of instruction and supervision required.

Board and lodgings can be obtained at prices ranging from five dollars a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty.

LIBRARIES

ADDISON VANNAME, M.A., *Librarian*
FRANKLIN B. DEXTER, M.A., *Assistant Librarian*
J. SUMNER SMITH, B.A., *Assistant*
WILLIAM A. BORDEN, *Librarian of Linonian and Brothers Library*
ANNIE E. HUTCHINS, *Assistant*
HENRY R. GRUENER, *Assistant*
Mrs. HENRIETTA C. GILBERT, *Assistant*
Mrs. JESSIE C. HARGER, *Assistant*

The Standing Committee in charge of the Library, appointed by the Corporation, consists of President DWIGHT, Professors SALISBURY, DAY, FISHER, NEWTON, LOUNSBURY, E. S. DANA, SEYMOUR, and FARNAM, and the Librarian.

The whole number of volumes in the several libraries of the University is about 220,000.

The UNIVERSITY LIBRARY contains about 170,000 volumes and many thousands of unbound pamphlets. For some years past the average annual increase has been about 5,000 volumes. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number, the foreign serials alone being not less than five hundred. While designed especially for the use of the officers, resident graduates, and students of the several Departments of the University, other persons may have the privilege of consulting and, by permission of the Library Committee, of drawing books. The Library is open daily, except Sundays, in term-time, from 9 A.M. to 5 P.M. In the Winter vacation and through July it is open during the morning hours, and in the rest of

Summer vacation on Monday, Wednesday, and Saturday mornings.

The new library building, erected by the munificence of the late Hon. Simeon B. Chittenden, of Brooklyn, N. Y., began to be occupied in 1890.

The LINONIAN AND BROTHERS LIBRARY, occupying the south wing of the old Library building, contains more than 30,000 volumes, to which additions of not far from one thousand volumes, chiefly of the best current literature, are annually made. It is designed primarily for the use of the students, and is open in term-time, daily, except Sundays, from 9 A. M. to 5 P. M. In vacations it is open on Monday, Wednesday, and Saturday mornings.

In addition to the periodicals received at the University Library there will be found in the Reading Room (in the north wing of the Library) fifty-two daily newspapers, American and Foreign, sixty-eight weeklies, and sixty-eight periodicals. This is open daily in term-time from 9 A. M. to 8 P. M. (on Sundays from 1 to 8 P. M.).

In Dwight Hall, which is open daily from 7.45 A. M. to 9 P. M., will also be found forty-five newspapers and periodicals, mostly religious, and a library of nearly 1,000 volumes selected mainly with reference to the study of the Bible.

The LAW LIBRARY, containing about 9,000 volumes, among which are included complete sets of the English, American, Irish, and Canadian Reports, occupies rooms adjoining those of the Law School in the County Court House. It is open daily in term-time from 8.30 A. M. to 12.45 P. M., and from 2 to 5.30 P. M. (except Saturday afternoon); in vacation from 9 A. M.

The SHEFFIELD SCIENTIFIC SCHOOL LIBRARY, in Sheffield Hall, is a valuable collection of 6,000 volumes, chiefly mathematical.

The TROWBRIDGE REFERENCE LIBRARY of the Divinity School, in Bacon Memorial Hall, contains over 3,000 volumes of standard and recent theological literature. It is open in term-time in the afternoons and evenings.

The LOWELL MASON LIBRARY OF CHURCH MUSIC, in West Divinity Hall, is accessible to those interested in the study of this subject. It embraces about 8,000 titles in 4,000 volumes.

The LIBRARY OF FOREIGN MISSIONS, in East Divinity Hall, contains over 3,000 volumes, with all the leading missionary periodicals.

The Art School has a Library of about 500 volumes.

The Library of the Medical School is incorporated in the University Library.

The Library of the American Oriental Society, consisting of about four thousand books and manuscripts, is deposited in the University Library building.

PEABODY MUSEUM OF NATURAL HISTORY

TRUSTEES

PROFESSOR JAMES D. DANA, PH.D., LL.D., *Chairman*
GOVERNOR LUZON B. MORRIS, M.A., *ex-officio*
*HON. ROBERT C. WINTHROP, LL.D.
PROFESSOR GEORGE J. BRUSH, LL.D.
PROFESSOR OTHNIEL C. MARSH, PH.D., LL.D.
HON. GEORGE PEABODY WETMORE, M.A.
PROFESSOR EDWARD S. DANA, PH.D.

CURATORS

OTHNIEL C. MARSH, PH.D., LL.D., *Curator of the Geological Collection*
ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD S. DANA, PH.D., *Curator of the Mineralogical Collection*

In 1866, George Peabody, of London, but of Massachusetts birth, entrusted to a board of Trustees, selected by himself, the sum of $150,000, "To found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of this sum, $100,000 was devoted by Mr. Peabody to the erection, "on land to be given for that purpose by the President and Fellows of Yale College, of a fire-proof building," "planned with special reference to its subsequent enlargement," to be, "when completed, the property of Yale College." Of the remainder of the gift, $20,000 was set apart to "accumulate as a building fund" and $30,000 to meet by its income from investment the expenses attending "the care of the Museum, the increase of its collections, and the general interests of the departments of science before named."

Ten years later, in 1876, the first wing of the Museum—the part now standing—was completed and furnished with

* Died November 17, 1894.

cases at a cost of $175,000, the whole outlay being met by the accumulated building fund. The central part of the projected structure and the South wing—which will extend it to Library street—remain to be built whenever the means available for the purpose shall be adequate. The central part is much needed, as only a small part of the specimens secured can now be placed on exhibition in the first wing.

The first floor of the building is devoted to the department of Mineralogy and to the purposes of a large lecture-room. The minerals occupy cases in the west room, the door of which fronts the entrance to the Museum. The minerals of the Gibbs collection, deposited by Col. George Gibbs with the College in 1809–10, and purchased in 1825 at a cost of $20,000, and the extensive accumulations since made, are here preserved and for the most part on exhibition, making it one of the largest public collections in the country. The private cabinet of Professor Brush, arranged in drawers in his private room on the same story, although not open to general exhibition, adds greatly to the means of study and investigation in this department. Besides minerals, the exhibition-room contains one of the largest collections of meteorites in the country; among the specimens, there are the famous mass of meteoric iron from Texas, weighing 1635 pounds; some hundreds of meteorites, large and small, all of which came from a single fall in Iowa, in May, 1879; the interesting Weston meteorite, which fell in Weston, Connecticut, in 1807, and was soon after described at length by Professors Silliman and Kingsley; besides many others of special interest. An important recent addition is a collection of meteorites numbering nearly one thousand which came from the great meteoric fall of May 2, 1890, in Winnebago County, Iowa. A case in the center of the room contains the large and beautiful collection of Chinese artistic work in stone, chiefly in jade and agate, with other like objects, bequeathed by Dr. S. Wells Williams, who was for forty-three years in China as Christian philanthropist, editor, author, and attaché to the

American legation, and for some years before his decease was the Professor of Chinese in the University. The large room on the same story adjoining the Mineral room, on the north side of the hall, is arranged for mineralogical and blowpipe instruction, with desks and a students' cabinet of minerals, under the charge of Professor Penfield.

The second floor is given up to Geology and Palaeontology. The southern room contains vertebrate fossils. The latter are mostly collections made by Professor Marsh, in the Rocky-Mountain region and other parts of the West. In this room the first horizontal case to the left of the entrance contains specimens of toothed birds, mainly *Hesperornis* and *Ichthyornis*, discovered by Professor Marsh in the Cretaceous rocks of Kansas. Near by, in the first vertical case against the wall, are the bones of a large Mastodon from the Post-Pliocene of southern New York. In the second wall-case on the east side are the huge bones of the Miocene *Brontotheridae* from Dakota and Nebraska. In the two wall-cases at the southeastern corner are remains of the *Dinocerata*, large horned mammals from the Eocene of Wyoming. In the horizontal case adjoining may be seen two skeletons of gigantic Moas *(Dinornis)*, extinct birds from New Zealand. In the center of the room are part of the bones of an enormous Dinosaur *(Brontosaurus)*, sixty feet in length, from the Jurassic of Wyoming, and a large slab, standing vertically, showing the skeleton of a Mosasaur from the Chalk of Kansas. Behind this is a case containing the nearly complete skull of *Triceratops*, a gigantic Dinosaur from the Cretaceous of Wyoming. The horizontal case to the right of the entrance and the wall-case adjoining it on the west contain the remains of another Jurassic Dinosaur *(Stegosaurus)*, about thirty feet long, which, as the specimens show, had a series of very large vertical plates along the back, and four pairs of immense spines on the tail. In the lower part of the next vertical case lies part of a thigh bone of *Atlantosaurus*, the largest of Dinosaurs and of land animals yet known. A horizontal case on the

south side of the room contains the feet of various animals, and among them the bones of the feet of three-toed and four-toed horses from the Tertiary of Nebraska and Wyoming. In the wall-case south of this are remains of the extinct Irish Elk, and over the case is the skull with the large antlers complete. At the southwestern corner of the room, the wall-cases contain the bones of *Morosaurus*, another Jurassic Dinosaur. In the adjoining horizontal case is a series of Eocene fishes from Utah.

The western exhibition-room is occupied mainly by a collection of invertebrate fossils, arranged zoologically. The first vertical case on the south is devoted chiefly to fossil sponges, among which the series of *Brachiospongidae* is the most notable. Then follow two cases of corals, with many fine examples from Kentucky, Ohio, and New York. The nine succeeding cases contain collections of crinoids, trilobites, crustacea, bryozoa, and fossil shells. Two large wall-cases on the eastern side of the room exhibit slabs and tablets of crinoids, mostly from Indiana. A third wall-case encloses a large slab measuring four by six feet, showing nearly thirty species of fossils represented by upwards of one hundred and forty individuals. One table-case contains a series illustrative of Dana's Manual of Geology, and a second is devoted to recent brachiopods.

The collections of invertebrate fossils are especially in charge of Assistant Professor Beecher.

Of the large collection of foot-prints belonging to the University, only a few fine slabs are on exhibition, part of them in each of the two exhibition-rooms of the second story. One of the most interesting is a slab about twelve feet long, covered throughout with raindrop impressions, and, besides these, two series of foot-prints of biped reptiles, one line of them extending the whole length of the slab.

The third story is occupied with the zoological collections, so far as there is room for their exhibition. The general zoological collection occupies the western room; and

nearly the whole has been accumulated since Professor Verrill took charge of the department. The specimens are well arranged for exhibition and all labelled. Facing the south door stands a vertical case devoted to the Sponges, among which are many species of the siliceous or glass sponges (*Euplectella*, etc.). Beyond the sponges, twelve cases are filled with the collection of corals, which is one of the most extensive in the country. These are followed by the Echinoderms, etc. Several cases are devoted to a collection of the marine invertebrates of New England, which is nearly complete. Other cases contain special collections of the shells and corals of the Pacific Coast of America; of the corals of Bermuda; of the shells of Florida, etc. The collections are rich in species from the deep-sea dredgings in the Atlantic, but only a small part is on exhibition. Overhead are models of two of the huge Cephalopods of the world: one, of twice the natural size, an Octopus from California, 28 feet in diameter (between the tips of opposite arms), and the other, of natural size, a species of the Newfoundland seas, related to the Squids, having enormous eyes, and a length from the posterior extremity to the tips of the longer arms, of 42 feet. The models were made for the zoological department by Mr. J. H. Emerton.

The southern exhibition-room of the zoological story contains a collection of skeletons in cases on its east and south sides, beginning near the door. These are deposited by Professor Marsh. The skeletons of mammals, beginning with man and the apes, occupy all the east side; and then come the birds, reptiles, and fishes. The rest of the cases are occupied with collections of vertebrates, both mounted and alcoholic, and include a nearly complete series of the species inhabiting New England.

The second and third stories have also large laboratories and work-rooms, devoted to the department represented in the exhibition-rooms of the story. Those of the second or geological story are in charge of Professor Marsh; and

those of the third or zoological story, besides serving for workrooms, are for the laboratory exercises and instruction of students in General Zoology under Professor Verrill. These rooms contain also large collections of specimens arranged in drawers and trays, which are open to special students in the department.

In the fourth story there is a large Archaeological collection. As the funds of the Museum are restricted to the departments of Mineralogy, Geology, and Zoology, the cases of the old Yale Museum were fitted up for this collection.

The basement is devoted to workrooms and storerooms, and contains a vast amount of specimens, in the departments especially of Palaeontology and Zoology. This part of the building is closed to visitors.

The exhibition-rooms of the Museum are open between 9 A. M. and 6 P. M., except in the winter, when the hours are from 9 A. M. to 5 P. M. The janitor of the building is Mr. J. Rice, 92 High street.

THE OBSERVATORY

BOARD OF MANAGERS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
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FREDERICK L. CHASE, PH.D., *Assistant Astronomer*

THE OBSERVATORY has been built from the avails of the gift of the late Hon. Oliver F. Winchester, of New Haven, on land given by the late Mrs. Cornelia L. Hillhouse and her daughters. The principal astronomical instruments now in use are a six-inch Heliometer constructed by Messrs. Repsold, of Hamburg, an eight-inch Equatorial by Messrs. Grubb, of Dublin, given by the late Mr. Edward M. Reed, of New Haven, and an equatorially mounted set of Cameras for photographing meteors.

Besides its ordinary astronomical work, the Observatory maintains two public services. Continuous time-signals are transmitted from the distributing clock at the Observatory to the railroads and other parties. The Observatory offers facilities also to persons interested in accurate thermometry for the comparison of thermometers with standard instruments.

For the proper performance of these services the following equipment is in use :

1. Standard clocks, a transit instrument, chronographs, and the accessories for refined accuracy in the determination and transmission of time.

2. Apparatus for research and comparison in thermometry, including a collection of the best thermometers obtainable of the foreign makers and observatories which devote special attention to thermometric standards.

Descriptive circulars of the thermometric service may be obtained by addressing the Observatory.

By the will of Professor Elias Loomis, who died in 1889, the Observatory receives one-third of the income, and will ultimately receive the entire income, of a fund established by him and called *the Loomis Fund.* The income received is to be applied to one or more of the following objects only, namely, the payment of the salaries of observers whose time is exclusively devoted to the making of observations for the promotion of the science of astronomy, the reduction of astronomical observations, and the defraying the expense of publishing these observations and of publishing investigations based upon astronomical observations. The principal of the Loomis Fund is over three hundred thousand dollars.

UNIVERSITY PRIZES

The JOHN A. PORTER PRIZE, of the value of two hundred and fifty dollars, established by the Kingsley Trust Association in 1872, is offered for the best English Essay on a prescribed subject. Competing essays must be handed in after the close of the Spring Recess, and the award will be announced on Commencement Day. Any person who has been pursuing a regular course for a degree in any Department during the whole of the current College year, may compete for this prize. If none of the competing essays is of sufficient merit, the prize will not be awarded.

The subjects for Essays in 1895 are as follows :—

1. Wise and sound forestry legislation in the United States. Its possibilities ; what can be accomplished by it ?
2. The South Carolina Dispensary Law.
3. Reasons for opposition to our National Banking System in the South and West.
4. The effects of charitable relief in our great cities during the past winter.
5. The doctrine of the U. S. Supreme Court of "property affected by a public interest," and its tendencies. *Munn* vs. *Illinois*, etc.
6. Should the rules of evidence be so altered that an objection should not lie against evidence merely because it is "irrelevant ?"
7. The Roman colleges of workmen ; their history and economic effects.
8. Love in the poetic writings of the "Elizabethan period," and of the XIXth century. A comparative study.
9. The poetry of our Civil War. Its direct influence and its place in literature.
10. The development of the novel in the XIXth century. Dickens to Ibsen.
11. Influence of a democratic form of government on the development of individuality in character. Is it favorable or otherwise ?
12. The place of Athanasius in the political history of the IVth century.
13. Race divergencies in the conquest and occupation of the New World.
14. Utilitarian and Christian ethics.

The essays, which should be signed by an assumed name and accompanied by a sealed envelope containing the writer's full name, will be due on May 1, at No. 105 Grove street, New Haven.

THE BENNETT PRIZE, being the income of a fund of one thousand dollars, given in 1893 by James Gordon Bennett, Esq., of New York City, is awarded annually on Commencement Day to that undergraduate member of the Senior Class in either the Academical Department or the Sheffield Scientific School, who shall have pursued courses in Political Science and English Literature, and shall have prepared the best essay, in English prose, upon some subject of contemporaneous interest in the domestic or foreign policy of the United States government, selected by the Faculty.

THE COBDEN CLUB SILVER MEDAL is awarded annually to that undergraduate of either the Academical Department or the Sheffield Scientific School who shows the greatest proficiency in the elements of Political Economy.

LISTS OF STUDENTS

DEPARTMENT OF PHILOSOPHY AND THE ARTS

COURSES OF GRADUATE INSTRUCTION

Dudley Chase Abbott, B.A. Wesleyan University 1889	*West Haven, Conn.*	West Haven
Ellen Cordelia Abbott, B.A. Vassar College 1892	*West Haven, Conn.*	West Haven
Mary Winchester Abbott, B.A. Vassar College 1894	*West Haven, Conn.*	West Haven
Francis Mulliken Adams, PH.B. Yale University 1892	*New Haven, Conn.*	146 Edwards st
Warren Austin Adams, B.A. Yale University 1886	*Skaneateles, N. Y.*	213 D
Arthur Chambers Alexander, PH.B. Yale University 1889	*Honolulu, H. I.*	71 Dixwell av
Mary Adèle Allen, B.A. Smith College 1886	*Holyoke, Mass.*	83 Grove st
Gustav Albert Andreen, B.A. Augustana College 1881 and Yale University 1894	*Lindsborg, Kansas*	99 Winchester av.
John Lorillard Arden, PH.B. Yale University 1894	*Garrison's, N. Y.*	22 College st.
John Whitney Avery, B.A. Yale University 1893	*New Haven, Conn.*	136 Sherman av.
William Bacon Bailey, B.A. Yale University 1894	*Springfield, Mass.*	22 Lynwood st.
Charlotte Cynthia Barnum, B.A. Vassar College 1881	*New Haven, Conn.*	144 Humphrey st.
Leslie Dayton Bissell, B.A. Yale University 1887	*Keene, N. H.*	307 W.
Bertram Borden Boltwood, PH.B. Yale University 1892	*Castleton, N. Y.*	46 College st.
John Adams Bownocker, B.S. Ohio State University 1889	*Amanda, O.*	17 Lake pl.
Henry Brewer, PH.B. Yale University 1894	*New Haven, Conn.*	A.
Charles Barto Brown, PH.B. Yale University 1894	*New Haven, Conn.*	79 William st.
John Reynolds Brown, B.S. Augustana College 1891	*New Britain, Conn.*	16 Hughes pl.
Henry Andrews Bumstead, B.A. Johns Hopkins University 1891	*New Haven, Conn.*	83 Grove st.

Henry Walter Bunn, B.A. Yale University 1894	*Richmond Hill, N. Y.* 22 Lynwood st.
Otis Gridley Bunnell, PH.B. Yale University 1892	*Burlington, Conn.* 96 York sq.
Loomis Burrell, PH.B. Yale University 1894	*Little Falls, N. Y.* 421 Temple st.
Curtis Clark Bushnell, B.A. Yale University 1891	*New Haven, Conn.* 19 Perkins st.
Frank Herbert Chase, B.A. Yale University 1894	*Haverhill, Mass.* 51 Trumbull st.
Kozo Samuru Chiba	*Tokyo, Japan* 438 Elm st.
Kate Holladay Claghorn, B.A. Bryn Mawr College 1892	*Brooklyn, N. Y.* 83 Grove st.
Wesley Roswell Coe, PH.B. Yale University 1892	*Middlefield, Conn.* 2 Hillhouse av.
William Ivy Cranford, B.A. Trinity College, N. C., 1891	*Durham, N. C.* 305 George st.
Anna Alice Cutler, B.A. Smith College 1885	*New Haven, Conn.* 284 Orange st.
William Watts Davidson, B.A Yadkin College 1880, B.D. Yale University 1888	*Gibsonville, N. C.* 701 Chapel st.
Henry Davies, B.D. Yale University 1888	*Derby, Conn.* 701 Chapel st.
Ellen Scott Davison, B.S. Wellesley College 1887, M.A. Western Reserve Univ. 1894	*Louisville, Ky.* Waterbury
Henry Shepherd Dawson, B.A. Yale University 1894	*New Haven, Conn.* 142 Dwight st.
Clive Day, B.A. Yale University 1892	*Hartford, Conn.* 25 High st.
Elizabeth Street Dickerman, B.A. Smith College 1894	*New Haven, Conn.* 15 Lake pl.
Philip Dowell, B.A. Augustana College 1885	*Galva, Ill.* 53 Winchester av.
Harry Westbrook Dunning, B.A. Yale University 1894	*Boston, Mass.* 473 Elm st.
Winthrop Edwards Dwight, B.A. Yale University 1893	*New Haven, Conn.* 126 College st.
John Warren Edgerton, B.A. Trinity College 1894	*Middletown, Conn.* Middletown
Charlotte Fairbanks, B.A. Smith College 1894	*St. Johnsbury, Vt.* 77 Grove st.
Edwin Horace Forbes, PH.B. Yale University 1874	*Torrington, Conn.* 17 Lake pl.
Henry Thatcher Fowler, B.A. Yale University 1890	*Poughkeepsie, N. Y.* 1010 Chapel st.
Edward Grier Fullerton, M.A. University of Pennsylvania 1886	*Bridgeport, Conn.* Bridgeport

William John Gies, B.S.
Gettysburg College 1893,
PH.D. Yale University 1894 — *Manheim, Pa.* 35 Lynwood st.

Joshua Allen Gilbert, B.A.
Otterbein University 1889,
PH.D. Yale University 1894 — *Dayton, O.* 34 Hillhouse av.

Mary Graham, PH.B.
Wesleyan University 1889 — *Middletown, Conn.* 136 Sherman av.

William Anthony Granville, PH.B.
Yale University 1893 — *New Haven, Conn.* 96 Greene st.

Gervase Green, B.A.
Yale University 1894 — *New Haven, Conn.* 1233 Chapel st.

Maria Louise Greene, B.A.
Vassar College 1891 — *Providence, R. I.* 14 University pl.

Matthew Griswold, Jr., PH.B.
Yale University 1888 — *Erie, Pa.* A.

William Henry Hackett, B.A.
Yale University 1893 — *New Haven, Conn.* 143 West st.

Maude Hammond, B.A.
University of Nebraska 1894 — *Lincoln, Nebr.* 83 Grove st.

Josiah Harmar, PH.B.
Yale University 1892 — *Philadelphia, Pa.* A.

Mary Anstice Harris, M.A.
Lincoln Univ., Ill., 1894 — *Westfield, N. J.* 75 Broadway

Theodore Woolsey Heermance, B.A.
Yale University 1893 — *New Haven, Conn.* Athens, Greece

John Edward Herman, B.D.
Yale University 1888, M.A. and PH.D.
University of Leipzig 1890 — *New Haven, Conn.* 555 Howard av.

Clara Maria Hitchcock — *Michigan City, Ind.* 34 Hillhouse av.

Richard Thayer Holbrook, B.A.
Yale University 1893 — *New York City* Paris, France

Walter Deyo Hood, B.A.
Yale University 1894 — *Auburn, N. Y.* 40 Whalley av.

William Thos. Hildrup Howe, PH.B.
Yale University 1893 — *Killingworth, Conn.* 53 Prospect st.

Alvah Morton Hunt, B.A.
College of Charleston 1894 — *Somerville, Ga.* 1142 Chapel st.

Everett Bradley Hurlburt, PH.B.
Yale University 1894 — *Roxbury, Conn.* 145 College st.

Moses Jacob Husinsky, M.D.
Yale University 1892 — *New Haven, Conn.* 94 George st.

Charles Anthony Ingersoll, PH.B.
Yale University 1893 — *New Haven, Conn.* 24 Elm st.

Charles Samuel Ingham, B.A.
Yale University 1891 — *Saybrook, Conn.* 2 Hillhouse av.

Jesse Breland Johnson, B.A.
Yale University 1893 — *Cookville, Tex.* 45 Whalley av.

Ebenezer Bouges Kennedy, B.A.
Erskine College 1889 — *Due West, S. C.* 150 High st.

Frederick Wilkinson Kilbourne, PH.B.
Yale University 1894 — *Meriden, Conn.* Meriden

Shunkichi Kimura, B.S.
Imperial University of Japan 1888 — *Tokyo, Japan* 18 Gill st.

Paul Klimpke, B.A.
Yale University 1893 — *New Haven, Conn.* 53 Prospect st.

David Albert Kreider, B.A.
Lebanon Valley College 1892 — *Annville, Pa.* 266 York st.

Nils Erik Kron, M.A.
Augustana College 1893 — *Rockford, Ill.* 150 St. John st.

Nellie P. Little, B.S.
Kansas Agricultural College 1890 — *Manhattan, Kan.* 56 Whalley av.

Edwin Hoyt Lockwood, M.E.
Yale University 1894 — *New Canaan, Conn.* 57 N. S. H.

Laura E. Lockwood, B.A.
University of Kansas 1891 — *Lawrence, Kan.* 92 York sq.

Frank Ranney Luckey, B.S.
Cornell University 1882, B.D. Yale University 1888 — *New Haven, Conn.* 189 Bradley st.

Boynton Wells McFarland, C.E.
Yale University 1891 — *New Haven, Conn.* 420 Temple st.

Frank LeRond McVey, B.A.
Ohio Wesleyan Univ. 1893 — *Des Moines, Iowa* 64 Whalley av.

Fred Elmer Marble, B.A.
University of Rochester 1887 — *Wallingford, Conn.* 7 E. D.

James Brittain Miller, B.D.
Yale University 1894 — *New Haven, Conn.* 567 Howard av.

James Lee Mitchell, B.A.
Harvard University 1884 — *New Haven, Conn.* 238 Grand av.

William Sacheus Morgan, B.D.
Yale University 1892 — *Norwich, Conn.* 186 Crown st.

Edwin Morrison, PH.B.
Yale University 1888 — *Cincinnati, O.* A.

Henry Hotchkiss Murray, PH.B.
Yale University 1893 — *Viola, Del.* 54 Garden st.

Theophilus Nelson, PH.B.
Yale University 1892 — *New Haven, Conn.* 57 Lake pl.

Robert Hastings Nichols, B.A.
Yale University 1894 — *Binghamton, N. Y.* 116 College st.

Alfred John Pearson, B.A.
Bethany College, Kansas, 1893 — *Conway, Kan.* 99 Winchester av.

Elliott William Peck, B.S.
Worcester Polytechnic Inst. 1894 — *Stratford, Conn.* Stratford

Alton William Peirce, B.A.
Yale University 1893 — *Athol Centre, Mass.* 117 Elm st.

Frederick Torrel Persons, B.A.
Yale University 1894 — *North Colebrook, Conn.* 40 Whalley av.

Alois John Joseph Pfeiffer, PH.B.
Yale University 1894 — *Ansonia, Conn.* Ansonia

Isaac King Phelps, B.A. Yale University 1894	*Thompsonville, Conn.*	347 Crown st.
Miles Albion Pond, PH.B. Yale University 1892	*Torrington, Conn.*	57 Grove st.
Joseph Hyde Pratt, PH.B. Yale University 1893	*Hartford, Conn.*	99 Howe st.
Clifton Price, B.A. Cornell University 1889	*Ithaca, N. Y.*	103 Park st.
Utten Ellis Read, B.A. Illinois College 1893	*Jacksonville, Ill.*	95 Olive st.
Edward Bliss Reed, B.A. Yale University 1894	*Holyoke, Mass.*	58 W.D.
Frank Russell Rich, PH.B. Yale University 1890	*New Haven, Conn.*	55 Dwight pl.
Maria Louise Riggs, B.A. Smith College 1882	*Bridgeport, Conn.*	Bridgeport
Miriam Nancy Shelton Rogers, M.A. Cornell University 1891	*Bridgeport, Conn.*	77 Elm st.
William Henry Sallmon, B.A. Yale University 1894	*London, Canada*	Dwight Hall
Alice Elizabeth Sawtelle, B.A. Colby University 1888	*Waterville, Me.*	70 Whalley av.
Carl Emil Seashore, B.A. Gustavus Adolphus Coll. 1891	*Dayton, Iowa*	149 St. John st.
Hubert Merrill Sedgwick, B.A. Yale University 1893	*Bondsville, Mass.*	225 Crown st.
Mary Appleton Shute, B.A. Smith College 1887	*Northampton, Mass.*	137 Wall st.
Grace Angeline Smith, B.S. Smith College 1894	*Ansonia, Conn.*	Ansonia
Theodate Louise Smith, M.A. Smith College 1884	*Framingham, Mass.*	136 Sherman av.
Frederic Clarence Spencer, PH.B. Yale University 1893	*Old Saybrook, Conn.*	411 Temple st.
M. Victor Staley, M.A. University of Wisconsin 1894	*Oshkosh, Wisc.*	125 Dwight st.
Thomas Calhoun Stearns, B.A. Yale University 1886	*New Haven, Conn.*	12 University pl.
Alfred Hall Stevens, PH.B. Yale University 1893	*Clinton, Conn.*	A.
Wendell Melville Strong, B.A. Yale University 1893, M.A. Cornell University 1894	*Montclair, N. J.*	41 High st.
Susan Dinsmore Tew, B.A. Smith College 1892	*Jamestown, N. Y.*	335 Orange st.
Isaac Biddle Thomas, PH.B. Yale University 1892	*West Chester, Pa.*	A.
George Clarence Thompson, M.A. Wake Forest College 1891	*Sanford, N. C.*	138 St. John st.

Elisha Grant Trowbridge, PH.B. Yale University 1894	*New Haven, Conn.*	685 Orange st.
Edith Souther Tufts, B.A. Wellesley College 1885	*Dover, N. H.*	77 Mansfield st.
William Ransom Tuttle, B.A. and B.S. Olivet College 1894	*Burton, O.*	34 Hillhouse av.
Willard Gibbs Van Name, B.A. Yale University 1894	*New Haven, Conn.*	121 High st.
Charles Henry Adams Wager, B.A. Colgate University 1892	*Cohoes, N. Y.*	18 Dwight st.
Percy Talbot Walden, PH.B. Yale University 1892	*Brooklyn, N. Y.*	338 Orange st.
Clara R. Walker, B.A. Wellesley College 1886	*Canton, N. Y.*	83 Grove st.
Claude Frederic Walker, B.S. Mass. Agric. College 1894	*Amherst, Mass.*	78 Lake pl.
John Dorrance Warnock, B.A. Yale University 1893	*Geneva, N. Y.*	122 Howe st.
Stuart Weller, B.S. Cornell University 1894	*Springfield, Mo.*	17 Lake pl.
William Morris Weller, B.A. Western Maryland College 1889, PH.B. Yale University 1894	*Cumberland, Md.*	94 W. D.
Jacob Westlund, B.A. College of Örebro, Sweden, 1885	*Lindsborg, Kan.*	30 Compton st.
Arthur Leslie Wheeler, B.A. Yale University 1893	*Hartford, Conn.*	373 Crown st.
Lynde Phelps Wheeler, PH.B. Yale University 1894	*Bridgeport, Conn.*	156 Grove st.
William Arthur Whitcomb, PH.B. DePauw University 1894	*Clinton, Ind.*	68 W. D.
Caroline L. White, B.A. Mount Holyoke College 1894	*Brookline, Mass.*	83 Grove st.
Sarah Scovill Whittelsey, B.A. Radcliffe College 1894	*New Haven, Conn.*	367 Prospect st.
Clarence Cicero Wilson, B.A. Yale University 1892	*Avon, Conn.*	57 N. S. H.
Meyer Wolodarsky, PH.B. Yale University 1894	*New Haven, Conn.*	167 Kimberly av.
Drew Smith Wood, B.A. Cornell University 1894	*Swan, Tex.*	93 Olive st.
Tokiwo Yokoi	*Tokyo, Japan*	55 Clark st.
Blanche Zehring, B.S. Ohio Wesleyan University 1890	*Miamisburg, O.*	65 Clark st.
Charles Hamline Zimmerman, M.A. Northwestern University 1892	*Evanston, Ill.*	22 Trumbull st.

GRADUATE STUDENTS, 138

ACADEMICAL DEPARTMENT
(YALE COLLEGE)

SENIOR CLASS

Daniel Crouse Adams	*Utica, N. Y.*	7 V.
George Townsend Adee	*Bartow-on-the-Sound, N. Y.*	13 V.
Benjamin Chauncey Allen	*Chicago, Ill.*	318 W.
Walter Hinds Allen	*New York City*	123 N.
George Buell Alvord	*Torrington, Conn.*	134 F.
Henry Andrew Baker	*Union Hill, N. Y.*	187 C.
Edward Chauncey Baldwin	*West Cornwall, Conn.*	105 N.
Roger Sherman Baldwin	*New York City*	205 D.
Ulysses Simpson Grant Bassett	*Philadelphia, Pa.*	1010 Chapel st.
George Ezra Batcheller	*New York City*	62 V.
William Langdon Beadleston	*New York City*	65 V.
Willoughby Pierce Beam	*Buffalo, N. Y.*	269 L.
Anson McCook Beard	*Poughkeepsie, N. Y.*	294 W.
Samuel Fayerweather Beardsley	*Bridgeport, Conn.*	242 L.
Edward William Beattie, Jr.	*Helena, Mont.*	1 V.
Julian Cone Bingham	*Northampton, Mass.*	103 N.
Matthew Sterling Borden	*New York City*	A.
Walter Stanton Brewster	*Chicago, Ill.*	375 WH.
John Henri Brown	*East Granville, Mass.*	154 F.
George Clark Bryant	*Ansonia, Conn.*	262 L.
Hiram Arthur Bryant	*Andover, Mass.*	42 Winchester av.
Edward Taylor Buckingham	*Bridgeport, Conn.*	Bridgeport
Mortimer Norton Buckner	*New Orleans, La.*	65 V.
Arthur Bumstead	*Atlanta, Ga.*	159 F.
Frederick William Burge	*Brooklyn, N. Y.*	7 Library st.
Ralph Houghton Burns	*LeMars, Iowa*	123 N.
George Eli Butler	*New Haven, Conn*	557 Howard av.
Frank Seiler Butterworth	*Washington, D. C.*	45 V.
Harold Edgar Buttrick	*Brooklyn, N. Y.*	408 B.
Benjamin Stickney Cable	*Chicago, Ill.*	30 V.
Gustaf Birger Carlson	*Higganum, Conn.*	119 N.
Arthur Fuller Carpenter	*Rome, N. Y.*	249 L.
William Carson	*Chillicothe, O.*	167 F.
Walter Frederick Carter	*Brooklyn, N. Y.*	222 D.
Julian Ingersoll Chamberlain	*New York City*	303 W.
George Peabody Chandler	*Germantown, Pa.*	6 V.
Gordon Baldwin Chase	*Lyndon, Vt.*	100 N.
Charles Bolmar Cheyney	*Washington, D. C.*	160 F.
Ulysses Grant Church	*Chaplin, Conn.*	119 N.

Alexander Ray Clark	*Cincinnati, O.*	32 V.
Clement George Clarke	*Manhattan, Kansas*	219 York st.
Charles Frederic Clemons	*Manchester, Vt.*	107 N.
Clarence Edward Clough	*Wilmot Flat, N. H.*	103 N.
Leonard Atwood Comstock	*Cooperstown, N. Y.*	131 F.
Mortimer Smith Comstock	*Bridgeport, Conn.*	209 D.
Ezra Hoyt Connell	*Scranton, Pa.*	127 College st.
Clifford Semple Cook	*Cincinnati, O.*	3 V.
Walter Evans Cooke	*Paterson, N. J.*	53 V.
James Earnest Cooper	*New Britain, Conn.*	375 WH.
William Maltby Copp	*New York City*	37 V.
Parker Corning	*Albany, N. Y.*	255 L.
Benjamin Frank Corwin	*Baiting Hollow, N. Y.*	333 Crown st.
Abraham Beekman Cox, Jr.	*Cherry Valley, N. Y.*	148 F.
Percy Waldron Crane	*Montclair, N. J.*	172 F.
Henry Stoddard Curtis, B.A. Olivet College 1894	*Olivet, Mich.*	43 Whalley av.
George Everett Darling	*Port Jefferson, N. Y.*	250 L.
Samuel Boyd Darling	*Somerville, Mass.*	9 V.
Benjamin Davis	*Chicago, Ill.*	26 V.
Thomas McElrath Debevoise	*New York City*	286 W.
Frederick Marcy DeForest	*Washington, D. C.*	342 WH.
William Adams Delano	*Philadelphia, Pa.*	317 W.
William Lester Dench	*Bridgeport, Conn.*	242 L.
Lindsay Denison	*Washington, D. C.*	342 WH.
John Watson Dixon, B.A. Univ. of Nebraska 1894	*Nebraska City, Nebr.*	132 F.
Lamont Dominick	*New York City*	301 W.
James Avery Draper, Jr.	*Wilmington, Del.*	45 V.
Henry Peck Driggs	*Waterbury, Conn.*	315 W.
John Joseph Dunn	*New Haven, Conn.*	921 Grand av.
Benjamin Harrison Dwight	*Poughkeepsie, N. Y.*	16 V.
Thomas Dyer	*Chicago, Ill.*	29 V.
William Spencer Eakin	*New London, Conn.*	317 W.
Stillman Witt Eells	*Cleveland, O.*	300 W.
Arthur Hibbert Eggleston	*New London, Conn.*	172 F.
John Elliott	*Martinsville, N. J.*	219 York st.
Elmore Franklin Elmore	*Troy, N. Y.*	218 D.
Philip Saffery Evans, Jr.	*New Haven, Conn.*	106 N.
Samuel Alexander Everitt	*Scarsdale, N. Y.*	148 F.
Henry Farnam	*New Haven, Conn.*	9 V.
William Henry Ferris	*New Haven, Conn.*	87 Eaton st.
Edward Ridley Finch	*Plainfield, N. J.*	237 D.
Sherman Knevals Foote	*New York City*	237 D.

William Kingsley Fowler	*Brooklyn, N. Y.*	255 L.
Frederick Steinman Franklin	*Lancaster, Pa.*	1 V.
Lewis Fox Frissell	*New York City*	235 D.
Frederic Ruthven Galacar	*Hartford, Conn.*	176 F.
Charles Sumner Gale	*Minneapolis, Minn.*	336 WH.
Michael Gavin	*Memphis, Tenn.*	285 W.
George Jay Gibson, Jr.	*Peoria, Ill.*	304 W.
Elwin Hayes Gleason	*Colorado Springs, Col.*	110 N.
John Edward Good	*Denver, Col.*	16 V.
Fred Chapman Goodwin	*Biddeford, Me.*	58 V.
George Hinman Gurnee	*Nyack, N. Y.*	262 L.
Clarence Wells Halbert	*St. Paul, Minn.*	111 N.
Hugh Tyler Halbert	*St. Paul, Minn.*	111 N.
Laurens Hamilton	*New York City*	306 W.
Fred Holcomb Hamlin	*East Bloomfield, N. Y.*	41 V.
George Wright Hamlin	*Canandaigua, N. Y.*	107 N.
Charles Newberry Hammond	*Sparrow Bush, N. Y.*	229 D.
Frank John Harris	*New York City*	312 W.
Henry Wilson Harris	*East Orange, N. J.*	309 W.
Francis Burton Harrison	*New York City*	31 V.
John Heermans	*Corning, N. Y.*	58 V.
Yandell Henderson	*Louisville, Ky.*	249 L.
Burton Jesse Hendrick	*New Haven, Conn.*	506 Howard av.
Louis Hewlett	*Cold Spring Harbor, N. Y.*	310 W.
Shirley Tredway High	*Chicago, Ill.*	1016 Chapel st.
Charles Lyon Hill	*Greenfield Hill, Conn.*	131 F.
Frank Augustus Hinkey	*Tonawanda, N. Y.*	222 D.
Everett Winslow Hobart	*Cincinnati, O.*	246 L.
Louis Halsey Holden	*Newark, N. J.*	220 D.
Joseph Bernard Hone	*Rochester, N. Y.*	17 V.
James Fisk Hooker	*Brattleboro, Vt.*	6 V.
Frank Winfield Hubby, Jr.	*Cleveland, O.*	101 N.
Alfred Burdette Hughes	*New Haven, Conn.*	309 W.
John Louis Hunt	*Hopewell, N. J.*	334 York st.
John Llewellyn Hutchins	*Andover, Me.*	116 N.
Charles Cheney Hyde	*Chicago, Ill.*	292 W.
Henry Neal Hyde	*Syracuse, N. Y.*	336 WH.
Frederic Ives	*New Haven, Conn.*	478 Orange st.
George Jacobus	*Springfield, Mass.*	139 F.
Frederick Pitkin James	*Lockport, N. Y.*	311 W.
Edward Clinton Jones	*New Haven, Conn.*	84 William st.
Isaac M. Jordan, Jr.	*Cincinnati, O.*	3 V.
George Dwight Kellogg	*St. Louis, Mo.*	108 N.
Edward Gridley Kendall	*New Haven, Conn.*	522 Winthrop av.

James Malcolm Kendall, B.A. Bucknell University 1894	*New Haven, Conn.*	522 Winthrop av.
Paul Kennaday	*Montclair, N. J.*	22 V.
Norton Adams Kent	*Fordham, N. Y.*	279 L.
Max Howard Kershow	*Philadelphia, Pa.*	52 V.
William Keyser, Jr.	*Baltimore, Md.*	7 V.
Charles Adams Kimball	*Littleton, Mass.*	139 F.
Frederick Augustus King	*Providence, R. I.*	37 V.
Charles Kingsley, Jr.	*Paris, France*	238 D.
Louis Williams Ladd	*New Haven, Conn.*	204 Prospect st.
Franklin Lawrence Lee	*New York City*	306 W.
Howard Barnes Lee	*Louisville, Ky.*	141 F.
John Aloysius Lee	*New Britain, Conn.*	229 D.
Albert David Levi	*Erie, Pa.*	4 V.
David Mosely Levy	*Cincinnati, O.*	4 V.
George Augustus Lewis	*Hudson, N. Y.*	92 S. M.
Edwin Carlyle Lobenstine	*New York City*	59 V.
John Lewis Lockwood, Jr.	*New York City*	143 F.
Thomas Brown Lockwood	*Buffalo, N. Y.*	318 W.
Harry Frank Loomis	*New York City*	310 W.
Dorance Bertel Lothrop, B.A. Bates College 1893	*Pittsfield, Me.*	144 F.
Lloyd Lowndes, Jr.	*Cumberland, Md.*	233 D.
Richard Tasker Lowndes	*Cumberland, Md.*	233 D.
Perley Benjamin Lukens	*Lebanon, O.*	55 Prospect st.
David Brainard Lyman, Jr.	*La Grange, Ill.*	42 V.
Edward Branch Lyman	*Greenfield, Mass.*	60 V.
John MacGregor, Jr.	*Akron, O.*	43 V.
Lanier McKee	*Washington, D. C.*	293 W.
John Dun McKell	*Chillicothe, O.*	40 V.
Guy Richards McLane	*New York City*	33 V.
Russell Almeron Marks	*Sioux City, Iowa*	210 D.
Roswell Bertram Mason	*Chicago, Ill.*	30 V.
David Bartine Melick	*Gladstone, N. J.*	134 F.
Eugene Isaac Meyer	*New York City*	278 L.
Henry Giles Miller, Jr.	*Chicago, Ill.*	53 V.
David Diamond Mitchell	*Wichita, Kansas*	151 F.
John Grant Mitchell, Jr.	*Columbus, O.*	19 V.
Phelps Montgomery	*Portland, Oregon*	235 D.
John King Moore	*Hartford, Conn.*	277 L.
Thomas Carlisle Moore	*Pittsburgh, Pa.*	7 College st.
William Arthur Moore	*Watertown, N. Y.*	72 S. M.
Charles Gould Morris	*New Haven, Conn.*	18 V.
Robert Cecil Nesbit	*New York City*	29 V.

Julian St.John Nolan	*Chicago, Ill.*	291 W.
Joseph Ripley Noyes	*Stamford, Conn.*	109 N.
Herbert Chester Nutting	*Mount Vernon, N. Y.*	165 F.
Alfred Townsend Osgood	*Rochester, N. Y.*	17 V.
Ervin Edward Osgood	*New Britain, Conn.*	108 N.
Henry Douglas Parmelee	*New Haven, Conn.*	140 College st.
Henry Ivison Parsons	*New York City*	214 D.
William Edward Parsons	*Akron, O.*	183 LYC.
William Knapp Payne	*Auburn, N. Y.*	238 D.
Rowland Gardiner Paynter	*Georgetown, Del.*	234 D.
Augustus Stephen Peabody, 2d	*Chicago, Ill.*	1044 Chapel st.
Howard Whiting Pease	*Thomaston, Conn.*	250 L.
Josiah Henry Peck	*Bristol, Conn.*	44 V.
Tracy Peck, Jr.	*New Haven, Conn.*	124 High st.
Robert Augustine Peet	*Brooklyn, N. Y.*	14 V.
James Herbert Perrin	*Lafayette, Ind.*	302 W.
Samuel Peterson	*Los Angeles, Cal.*	55 Prospect st.
George Alexander Phelps	*Stamford, Conn.*	13 V.
Ziba Bennett Phelps	*Wilkes-Barré, Pa.*	293 W.
James Mease Potter, B.A. Washington and Jefferson Coll. 1894	*Alleghany, Pa.*	251 Crown st.
Frederick Holbrook Rawson	*Chicago, Ill.*	291 W.
Charles Howard Remington	*Brooklyn, N. Y.*	284 W.
William George Reynolds	*Watertown, Conn.*	159 F.
James Harris Richards	*Stamford, N. Y.*	79 S. M.
William Martin Richards	*New Haven, Conn.*	86 S. M
George Chalmers Richmond	*Easthampton, Mass.*	97 Olive st.
Henry Williams Sage, 2d	*Ithaca, N. Y.*	62 V
Nelson Walling Sayles	*Millbury, Mass.*	263 L.
Harry Sargeant Scarborough	*Baltimore, Md.*	165 F
Alfred Egmont Schermerhorn	*New York City*	319 W.
William Herbert Scoville	*Stamford, Conn.*	109 N.
Arthur Behn Shepley	*St. Louis, Mo.*	86 S. M.
Alburn Edward Skinner	*Ottawa, Kansas*	106 N.
William Sloane	*New York City*	33 V.
Horace Mann Snyder	*Vineland, N. J.*	116 N.
Eugene Nathan Solomon	*New York City*	299 W.
John Bissell Speer	*Pittsburgh, Pa.*	294 W.
Benjamin Ives Spock	*New Haven, Conn.*	217 D.
Howard White Starr	*New York City*	221 D.
John Keim Stauffer	*Reading, Pa.*	124 N.
Ernest Guy Stevens	*Wells, Me.*	138 F.
Thomas Horace Stevenson	*Cincinnati, O.*	138 F.
Harry Lockman Street	*Chicago, Ill.*	15 V.

George Stedman Sumner, B.A. Pomona College 1894	*Claremont, Cal.*	144 F.
Joseph Rockwell Swan	*Stamford, Conn.*	19 V.
John Gardner Talcott	*Talcottville, Conn.*	101 N.
John Frelinghuysen Talmage, Jr.	*Brooklyn, N. Y.*	217 D.
Emerson Gifford Taylor	*Hartford, Conn.*	308 W.
Harry Knous Taylor	*Hartford, Conn.*	323 W.
Hartley Wales Thayer	*Holbrook, Mass.*	164 F.
George Herbert Thomas	*Providence, R. I.*	43 V.
Hermann Thomas	*Chicago, Ill.*	221 D.
Ford William Thompson	*St. Louis, Mo.*	42 V.
John Dougherty Thomson, B.M.E. Purdue University 1893	*LaFayette, Ind.*	132 F.
William DeForest Thomson	*New York City*	286 W.
Charles Storey Thurston	*Whitinsville, Mass.*	183 LYC.
Herbert Ladd Towle	*New Haven, Conn.*	410 B.
George Frederick Truesdell	*Washington, D. C.*	288 W.
Ralph DeForest Tucker	*Monson, Mass.*	122 N.
Roger Walker Tuttle	*New Haven, Conn.*	154 F.
Fred Sylvester Tyler	*Hammonton, N. J.*	100 N.
Samuel Tyler	*Boston, Mass.*	176 F.
Selden Williams Tyler	*Tylerville, Conn.*	164 F.
Cornelius Vanderbilt, Jr.	*New York City*	31 V.
Harry Stephen Vorhis	*Spencer, N. Y.*	400 State st.
George Knight Budd Wade	*St. Louis, Mo.*	56 V.
Fred Uri Wadhams	*New Haven, Conn.*	110 N.
James Jones Walworth	*Newton, Mass.*	277 L.
Allen Wardwell	*New York City*	214 D.
Spencer Kellogg Warnick	*Amsterdam, N. Y.*	245 L.
George Howard Warrington	*Cincinnati, O.*	246 L.
John Roach Wathen	*Louisville, Ky.*	245 L.
Charles Heald Weller	*Watkins, N. Y.*	105 N.
Edward Moffat Weyer	*St. Louis, Mo.*	60 V.
Charles Augustus Wheeler	*Trumbull, Conn.*	72 S. M.
John Walker Wheeler	*Bridgeport, Conn.*	234 D.
William Mills Wheeler	*Stratford, Conn.*	151 F.
Roger Widdrington Whinfield	*Fond du Lac, Wisc.*	124 N.
Raymond Sandford White	*New York City*	205 D.
William Neill Whitelaw	*Kidder, Mo.*	122 N.
George Parker Wiley	*Charleston, Ill.*	212 D.
Robert Wilkinson	*Poughkeepsie, N. Y.*	218 D.
John Reed Williams	*Chicago, Ill.*	32 V.
Herbert Witherspoon	*New York City*	15 V.

SENIORS, 251

JUNIOR CLASS

Benjamin Adams	*Wethersfield, Conn.*	414 B.
John Chester Adams	*Brookline, Mass.*	389 B.
Marcellin Cote Adams	*Pittsburgh, Pa.*	145 F.
Eugene Davenport Alexander	*New Brighton, N. Y.*	314 W.
Philip Ray Allen	*Walpole, Mass.*	188 C.
Arnon Augustus Alling	*New Haven, Conn.*	274 L.
Samuel Morgan Alvord	*Bolton, Conn.*	112 N.
Thomas Frothingham Archbald	*Scranton, Pa.*	216 D.
Wheeler Armstrong, Jr.	*Rome, N. Y.*	254 L.
William Ansel Arnold	*Willimantic, Conn.*	25 V.
Edgar Stirling Auchincloss	*New York City*	297 W.
Leonard Beaumont Bacon	*Rochester, N. Y.*	298 W.
Henry Dunster Baker	*Chicago, Ill.*	241 L.
Owen Calvin Baker	*Penfield, N. Y.*	73 S. M.
Austin Baldwin, Jr.	*New York City*	314 W.
Mark Baldwin	*Jacksonville, Ill.*	247 L.
Kneeland Ball	*Buffalo, N. Y.*	1010 Chapel st.
James Arthur Ballentine	*Boise City, Idaho*	298 W.
William Mossgrove Beard	*Poughkeepsie, N. Y.*	305 W.
Arthur Hillier Beaty	*Detroit, Mich.*	269 L.
Alfred Horatio Belo, Jr.	*Dallas, Tex.*	211 D.
George Merrill Bemis	*Brookfield, Mass.*	73 S. M.
Harry Hobart Benedict	*New Haven, Conn.*	2 V.
Fred Fox Bennett	*Hartford, Conn.*	271 L.
Alexander Garner Bentley	*Washington, D. C.*	25 V.
John Milton Berdan	*Toledo, O.*	23 V.
Thomas Joseph Bergin	*New Haven, Conn.*	14 Daggett st.
John Kirkman Berry	*Nashville, Tenn.*	295 W.
Frederick Howell Billard	*Meriden, Conn.*	1044 Chapel st.
Arthur Walker Bingham	*West Cornwall, Vt.*	253 L.
Charles William Birely	*Frederick, Md.*	259 L.
Henry Richardson Bond, Jr.	*New London, Conn.*	290 W.
Charles Henry Boyer	*Elkton, Md.*	403 B.
Lewis Ladd Brastow	*New Haven, Conn.*	128 Wall st.
John Elliot Breckenridge	*Palmer, Mass.*	126 N.
Daniel Bradley Brinsmade	*Washington, Conn.*	274 L.
John Sherrard Brittain, Jr.	*St. Joseph, Mo.*	50 V.
William Hall Brokaw	*Newburgh, N. Y.*	226 D.
Alexander Brown, Jr.	*Philadelphia, Pa.*	69 V.
Herbert Stanley Brown	*Detroit, Mich.*	418 B.

William Fuller Brown	*Plattsburgh, N. Y.*	147 F.
George Sturges Buck	*Buffalo, N. Y.*	174 F.
George Lamb Buist, Jr.	*Charleston, S. C.*	149 F.
George Edward Bulkley	*Hartford, Conn.*	285 W
John Ladd Burnham	*Springfield, Mass.*	181 LYC.
Bertram Joseph Cahn	*Chicago, Ill.*	254 L.
Herbert Bishop Carey	*Norwich, Conn.*	251 L.
Theodore Carleton	*Bradford, Mass.*	192 C.
John Arthur Carley	*West Groton, Mass.*	890 Chapel st.
William Wallace Chace	*Hudson, N. Y.*	54 V.
William Woods Chandler	*New Haven, Conn.*	158 F.
Harvey Wood Chapman	*Bridgeport, Conn.*	98 N.
Douglas Charnley	*Chicago, Ill.*	405 B.
Ward Cheney	*South Manchester, Conn.*	265 L.
Edward Conner Chickering	*Exeter, N. H.*	147 F.
Arthur Smith Chittenden	*Binghamton, N. Y.*	129 F.
Thomas Benton Clark	*Allegheny, Pa.*	8 V.
Walter Haven Clark	*Hartford, Conn.*	112 N.
Alexander Smith Cochran	*New York City*	64 V.
Charles Coit	*Norwich, Conn.*	251 L.
Christopher Bush Coleman	*Springfield, Ill.*	188 C.
Russell Colgate	*Orange, N. J.*	211 D.
Charles Collins	*New Haven, Conn.*	407 B.
Edward Day Collins	*Barton Landing, Vt.*	190 C.
Wendell Phillips Colton	*Brooklyn, N. Y.*	297 W.
Lewis Roberts Conklin	*Monroe, N. Y.*	143 F.
William Patrick Conly	*Buffalo, N. Y.*	81 S. M.
Frederick Coonley	*Port Richmond, N. Y.*	186 C.
William Henry Corbitt	*New York City*	39 V.
Harry Parsons Cross	*Wakefield, R. I.*	219 D.
William Redmond Cross	*New York City*	24 V.
Alfred Loomis Curtiss	*New York City*	28 V.
Samuel Edward Damon	*Honolulu, H. I.*	204 D.
Albert Sargent Davis	*Cincinnati, O.*	177 F.
Edward Lockwood Davis	*Cleveland, O.*	203 D.
Clarence Shepard Day, Jr.	*New York City*	39 V.
Sherman Day	*New York City*	61 V.
Estey Fuller Dayton	*Torrington, Conn.*	91 S. M.
Lee Maltbie Dean	*Bridgeport, Conn.*	Bridgeport
Johnston deForest	*New York City*	290 W.
Jules Gabriel Henri deSibour	*Washington, D. C.*	68 V.
Clarence DeWitt	*Hartford, Conn.*	305 W.
Sherwood Owen Dickerman	*New Haven, Conn.*	15 Lake pl.
Frank Phelps Dodge	*New York City*	254 Crown st.

John Howard Douglass, Jr.	*St. Louis, Mo.*	55 V.
Willard Newell Drown	*San Francisco, Cal.*	252 L.
Edward Lewis Durfee	*Palmyra, N. Y.*	259 L.
John Frederick Eagle	*Brooklyn, N. Y.*	329 W.
Jay Glover Eldridge	*Penfield, N. Y.*	98 N.
Hollon Augustine Farr	*Athol, Mass.*	186 C.
William Perez Field	*Geneva, N. Y.*	400 B.
Charles Louis Fincke, Jr.	*Brooklyn, N. Y.*	227 D.
Harry Johnson Fisher	*New York City*	265 L.
Carroll Hamilton Fitzhugh	*Allegheny, Pa.*	20 V.
Michael Flaherty, Jr.	*Birmingham, Conn.*	225 D.
Arthur Ellsworth Foote	*New Haven, Conn.*	230 D.
Fred Albert Forbes	*Chicago, Ill.*	241 L.
Walter Buhl Ford	*Detroit, Mich.*	316 W.
Clarence Vernon Fowler	*Newburgh, N. Y.*	248 L.
James Frank	*Ogdensburg, N. Y.*	248 L.
Clement Austin Fuller	*New Haven, Conn.*	145 Olive st.
Frederick William Gaines	*Cleveland, O.*	203 D.
John Marshall Gaines	*Albuquerque, N. M.*	422 B.
William Standish Gaylord	*Norwich, Conn.*	201 D.
Emile Godchaux	*New Orleans, La.*	67 V.
Richard Johnston Goodman	*Hartford, Conn.*	281 L.
Theodore Meech Gowans	*Buffalo, N. Y.*	67 V.
Asahel Henry Grant	*Charleston, S. C.*	192 C.
George Zabriskie Gray	*New York City*	24 V.
Harris Ray Greene	*New York City*	257 L.
Frank Libby Griffith	*Indianapolis, Ind.*	239 D.
Maitland Griggs	*Hartford, Conn.*	80 S. M.
Richard Cameron Haldeman	*Harrisburg, Pa.*	253 L.
Elbert Bacon Hamlin	*Washington, D. C.*	46 V.
Paul Delano Hamlin	*Smethport, Pa.*	239 D.
George Bates Hatch	*Cincinnati, O.*	263 L.
Franke Stuart Havens	*Hartford, Conn.*	281 L.
Emory Hawes	*New York City*	182 LYC.
Herbert Edwin Hawkes	*Templeton, Mass.*	146 F.
Carlos Clayton Heard	*Biddeford, Me.*	137 F.
William Wilson Heaton	*New York City*	335 WH.
Gilbert Lawrence Hedges	*Oregon City, Oregon*	74 S. M.
Edward Charles Heidrich, Jr.	*Peoria, Ill.*	201 D.
William Leonard Helfenstein	*Shamokin, Pa.*	8 V.
William Lester Henry	*Plattsburgh, N. Y.*	75 Kensington st.
William Milton Hess	*Philadelphia, Pa.*	64 W. D.
Fritz Wilhelm Hoeninghaus, Jr.	*New York City*	335 WH.
George Clay Hollister	*Grand Rapids, Mich.*	283 W.

John Chamberlain Hollister	*Grand Rapids, Mich.*	283 W.
Frank Thomas Hooker	*Ontario Center, N. Y.*	75 S.M.
Lester Page Hoole	*Brooklyn, N. Y.*	145 F.
Charles Vernon Hopkins	*Catskill-on-Hudson, N. Y.*	35 V.
James Barnett Horton	*Albany, N. Y.*	272 L.
Walter Stiles Hoyt	*Stamford, Conn.*	57 V.
Alexander Everett Hunt, Jr.	*Scranton, Pa.*	216 D.
James Abbott Hutchinson	*Lynn, Mass.*	320 W.
Gerard Merrick Ives	*Rome, Italy*	35 V.
Frederick Stephen Jackson	*Waterbury, Conn.*	414 B.
Frank Mason Jeffrey	*Torrington, Conn.*	89 S. M.
Frederic Blair Johnson	*Unionville, Conn.*	77 S. M.
Henry Selden Johnston	*New York City*	252 L.
Albert Corey Jones	*New Haven, Conn.*	84 William st.
Louis Cleveland Jones	*East Durham, N. Y.*	126 N.
Warren Southard Jordan	*Peekskill, N. Y.*	226 D.
Albert Galloway Keller	*Milford, Conn.*	402 B.
William Crissey Kellogg	*New Canaan, Conn.*	174 F.
Robert Kelly, Jr.	*West Superior, Wisc.*	407 B.
Tom Sidney Kingman	*Orange, N. J.*	21 V.
Troy Sylvanus Kinney	*Chicago, Ill.*	232 D.
Henry Spies Kip	*New York City*	51 V.
James Hoyt Knapp	*South Norwalk, Conn.*	215 D.
Edgar Conrad Lackland, Jr.	*St. Louis, Mo.*	287 W.
Leonard Bronk Lampman	*Newark, N. J.*	220 D.
Charles Samuel Leavenworth	*New Haven, Conn.*	75 Howe st.
Frederick Clare Lee	*Port of Spain, Trinidad*	28 V.
Charles Bernard Lenahan	*Wilkes-Barré, Pa.*	240 D.
Ralph Waldo Lobenstine	*New York City*	59 V.
John McClintock Longacre	*Philadelphia, Pa.*	157 F.
Horace Arthur Loomis	*Brooklyn, N. Y.*	227 D.
Christopher Kiersted Loughran	*Kingston, N. Y.*	320 W.
Harry Borden Lovell	*Plainfield, N. J.*	385 B.
Robert Lusk	*Nashville, Tenn.*	295 W.
Henry Edwin McDermott	*New Haven, Conn.*	268 Orchard st.
William Adams McFadden	*Cincinnati, O.*	299 W.
McKee Dunn McKee	*Washington, D. C.*	228 D.
Cyrus Fay Mackey	*Franklin, Pa.*	34 V.
George Xavier McLanahan	*Washington, D. C.*	322 W.
George Sutherland McLaren	*Thompsonville, Conn.*	75 S. M.
Neil Bernard Mallon	*Cincinnati, O.*	329 W.
Charles Mason Martin	*Norwich, N. Y.*	41 High st.
Benjamin Minor Massey	*Springfield, Mo.*	282 L.
Frederick Whitney Mathews	*Waldoboro, Me.*	415 B.

Harry Willard Mathews	*New Haven, Conn.*	732 Orange st.
Frederic Huntington Mathison	*New Haven, Conn.*	2 Audubon st.
William Southworth Miller	*Chicago, Ill.*	228 D.
Joseph Oudinot Moré	*Easthampton, Mass.*	113 N.
William Conger Morgan	*Albany, N. Y.*	397 B.
Charles Southerton Morris	*New Haven, Conn.*	408 Crown st.
Samuel Isaac Motter	*St. Joseph, Mo.*	392 B.
Norris Havemeyer Mundy	*Chicago, Ill.*	384 B.
James Brown Neale	*Kittanning, Pa.*	264 L.
George Henry Nettleton	*Boston, Mass.*	161 F.
Edward Kramer Nicholson	*Bridgeport, Conn.*	Bridgeport
Theodore Woods Noon	*Shelburne Falls, Mass.*	191 C
Louis Curtis Oakley	*Owego, N. Y.*	181 L.
Edwin Sidney Oviatt	*New Haven, Conn.*	231 D.
Alfred Day Pardee	*Philadelphia, Pa.*	264 L.
Walter Palmer Paret	*South Orange, N. J.*	21 V.
Charles Edwards Park	*Birmingham, Conn.*	163 F.
Frank Miner Patterson	*Albany, N. Y.*	41 V.
William Lee Patterson	*New Castle, Pa.*	36 V.
Thomas Barbour Paxton, Jr.	*Cincinnati, O.*	50 V.
Howard Seymour Peck	*Bristol, Conn.*	212 D.
Philip Curran Peck	*Hudson, N. Y.*	146 F.
Charles Alfred Pelton	*Clinton, Conn.*	379 WH.
Henry Augustus Perkins	*Hartford, Conn.*	236 D.
Louis Hopkins Porter	*Stamford, Conn.*	358 WH.
Addison Strong Pratt	*Fairport, N. Y.*	130 F.
Walter Franklin Prince	*Detroit, Me.*	39 William st.
Morris Houghton Reed	*St. Joseph, Mo.*	257 L.
Thomas Edward Reynolds	*Meriden, Conn.*	225 D.
Eugene McJimsey Richmond	*Brooklyn, N. Y.*	72 W. D.
Fred Oscar Robbins	*Greenville, N. H.*	130 F.
Wolcott Phelps Robbins	*New York City*	27 V.
Henry Martyn Robert, Jr.	*Staten Island, N. Y.*	109 York st.
Edwin Loomis Robinson	*Lebanon, Conn.*	83 S. M.
James Dwight Rockwell	*Washington, D. C.*	46 V.
Robertson Tyler Root	*Greenwich, Conn.*	258 L.
Robert Lawson Ross	*Newburgh, N. Y.*	83 S. M.
Clinton Joseph Rumrill	*Royalton, Vt.*	82 Whalley av.
Sylvester B. Sadler	*Carlisle, Pa.*	2 V.
Andrew Gregg Curtin Sage	*Ithaca, N. Y.*	61 V.
James Denison Sawyer	*Buffalo, N. Y.*	34 V.
George Hayward Schuyler	*Pana, Ill.*	209 D.
Rudolph Schwill	*Cincinnati, O.*	350 WH.
Alexander Scott	*Whitinsville, Mass.*	404 B.

William Langdon Scoville	*Montpelier, Vt.*	28 Edgewood av.
Hewlett Scudder, Jr.	*New York City*	135 F.
Herman Dingwell Sears	*Northampton, Mass.*	371 Crown st.
Lewis Pendleton Sheldon	*Rutland, Vt.*	230 D.
Charles Phineas Sherman	*Springfield, Mass.*	212 Orchard st.
Murray Marvin Shoemaker	*Cincinnati, O.*	51 V.
Edward Dorland Smith	*Peru, N. Y.*	113 N.
George Arthur Smith	*East Northfield, Mass.*	74 S. M.
Nathaniel Waite Smith	*Bellows Falls, Vt.*	152 F.
Robert Henry Burton Smith	*Sioux City, Iowa*	91 S. M.
William Dickinson Griswold Smith	*St. Louis, Mo.*	55 V.
Winthrop Davenport Smith	*New York City,*	236 D.
Harry Alexis Spalding	*New Haven, Conn.*	231 D.
Charles Flagg Spellman	*Springfield, Mass.*	54 V.
Joseph Marius Spinello	*New Haven, Conn.*	124 East Pearl st.
Albert Jefferson Squires	*Batavia, N. Y.*	81 S. M.
Edmund Gerald Stalter	*Paterson, N. J.*	415 B.
William Judd Starkweather, Jr.	*Cleveland, O.*	99 Wall st.
Douglas Stewart	*Allegheny, Pa.*	20 V.
Anson Phelps Stokes, Jr.	*New York City*	68 V.
Herbert Gillette Strong	*Winsted, Conn.*	158 F.
Thomas Shepard Strong, Jr.	*New York City*	135 F.
David Stuart	*Brooklyn, N. Y.*	300 W.
Philemon Fowler Sturges	*Geneva, N. Y.*	177 F.
Lewis Aaron Sulcov	*Lancaster, Pa.*	99 N.
Eliot Sumner	*New Haven, Conn.*	140 Edwards st.
James Bogert Tailer	*New York City*	287 W.
Huntington Taylor	*Poughkeepsie, N. Y.*	219 D.
Arthur Ripley Thompson	*Hartford, Conn.*	152 F.
Frederick Maurice Thompson	*Philadelphia, Pa.*	23 V.
Samuel Thorne, Jr.	*New York City*	66 V.
Samuel Brinckerhoff Thorne	*New York City*	66 V.
Asa Currier Tilton	*Raymond, N. H.*	258 L.
Albert Eugene VonTobel	*Torrington, Conn.*	89 S. M.
Thomas Andrew Tracy	*Bristol, Conn.*	189 C.
Ralph Bishop Treadway	*Sioux City, Iowa*	210 D.
Edward Livingston Trudeau, Jr.	*Saranac Lake, N. Y.*	69 V.
Henry Adams Truslow	*Summit, N. J.*	204 D.
Howland Twombly	*Newton, Mass.*	80 S. M.
Dudley Landon Vaill	*West Winsted, Conn.*	232 D.
Michael Murray VanBeuren	*New York City*	64 V.
Thomas Gaylord Vennum	*Watseka, Ill.*	289 W.
Wesley Grove Vincent	*Cottage City, Mass.*	271 L.
Frank Edward Wade	*Springfield, Mo.*	149 F.

William Henderson Wadhams	*Wadhams' Mills, N. Y.*	161 F.
Arthur Gillender Walter	*New Haven, Conn.*	189 C.
Chauncey Wetmore Wells	*Middletown, Conn.*	102 N.
Thomas B. Wells	*Minneapolis, Minn.*	74 Wall st.
George Childs Weston	*Honesdale, Pa.*	247 L.
Frederick Edward Weyerhaeuser	*St. Paul, Minn.*	215 D.
Robert Edwin Whalen	*Albany, N. Y.*	272 L.
Morris Mortimer Whitaker	*Brooklyn, N. Y.*	240 D.
Burton Arthur White	*Brockport, N. Y.*	289 W.
Joseph Wallace Wickenden	*Buffalo, N. Y.*	282 L.
Norman Williams, Jr.	*Chicago, Ill.*	57 V.
Norman Alton Williams	*Utica, N. Y.*	322 W.
Walter Fargo Wood	*Orange, N. J.*	27 V.
William Sayre Woodhull	*Orange, N. J.*	163 F.
Robert Jeremiah Woodruff	*Orange, Conn.*	129 F.
Lewis Rogers Yeaman	*Louisville, Ky.*	316 W.
Ezra Hallock Young	*Orient, N. Y.*	263 L.

JUNIORS, 277

SOPHOMORE CLASS

Charles Stanton Adee	*Bartow-on-the-Sound, N. Y.*	1076 Chapel st.
Joseph William Alport	*Buffalo, N. Y.*	416 B.
Leo Arnstein	*New York City*	278 L.
Herbert Bassett Augur	*Hartford, Conn.*	1016 Chapel st.
Wylie McLean Ayres	*Cincinnati, O.*	179 LYC.
Samuel Denison Babcock, Jr.	*New York City*	250 York st.
Philip Horton Bailey	*Windsor Locks, Conn.*	333 WH.
William Dwight Baldwin	*Haiku, Maui, H. I.*	266 L.
William Edward Balmer	*Whitinsville, Mass.*	94 S. M.
Ralph Andrews Barker	*Calais, Me.*	357 WH.
Everett Larkin Barnard	*New York City*	85 W. D.
Clinton DeVer Barnes	*Canaan, Conn.*	357 WH.
Theodore Moore Barnes, Jr.	*New York City*	1076 Chapel st.
Thomas George Barnes	*Sing Sing, N. Y.*	1010 Chapel st.
Lyman Metcalfe Bass	*Denver, Col.*	1076 Chapel st.
William DeVerne Beach	*Bridgeport, Conn.*	9 Library st.
Arthur Wellington Bell	*Allegheny City, Pa.*	1076 Chapel st.
Arthur Harry Bissell	*Montclair, N. J.*	261 Orange st.
Shelton Bissell	*Montclair, N. J.*	261 Orange st.
Francis Boardman	*Nutley, N. J.*	1044 Chapel st.
Francke Huntington Bosworth, Jr.	*New York City*	1076 Chapel st.
McKinley Boyle	*Louisville, Ky.*	36 V.
Edward Sumner Brackett	*Hartford, Conn.*	1010 Chapel st.
Arthur Judson Brewster	*Syracuse, N. Y.*	82 Whalley av.
Robert Stanton Brewster	*New York City*	22 College st.
Harcourt Brigham	*Savannah, Ga.*	417 B.
George Clymer Brooke	*Birdsboro, Pa.*	22 College st.
Frank Brookfield	*New York City*	1076 Chapel st.
James Hanford Brookfield	*New York City*	1076 Chapel st.
Arthur Hallock Brown	*New Haven, Conn.*	150 Shelton av.
Thatcher Magoun Brown	*New York City*	325 W.
Abraham Royer Brubacher	*Shaefferstown, Pa.*	88 S. M.
Frederic Merwin Burgess	*New Haven, Conn.*	226 Whalley av.
Robert Wallace Burnet, Jr.	*Cincinnati, O.*	353 WH.
Charles William Burnett	*Cincinnati, O.*	64 High st.
George Albert Cain	*Midland Park, N. J.*	97 N.
William James Calyer	*Cronomer Valley, N. Y.*	84 S. M.
Henry Godwin Campbell, Jr.	*Paterson, N. J.*	367 WH.
Harry Wardell Carey	*Stamford, Conn.*	9 Library st.
Robert Willets Carle	*New York City*	1076 Chapel st.
Charles Chadwick	*Brooklyn, N. Y.*	421 B.

Charles Meigs Charnley, Jr.	*Chicago, Ill.*	22 College st.
Richard Schieffelin Chisolm	*New York City*	1044 Chapel st.
Willard Church	*New York City*	337 WH.
William Churchill	*New Britain, Conn.*	153 F.
Charles Upson Clark	*Brooklyn, N. Y.*	85 W. D.
William Francis Clark	*Meriden, Conn.*	88 S. M.
Thomas Ludlow Clarke	*New Orleans, La.*	325 W.
Frank Macmillan Cobb	*Cleveland, O.*	236 Crown st.
Henry Sloane Coffin	*New York City*	140 F.
William Henry Comley, Jr.	*Bridgeport, Conn.*	296 W.
Edward Hulett Comstock	*Rome, N. Y.*	1044 Chapel st.
Theodore Mathew Connor	*Florence, Mass.*	819 Chapel st.
James Coggswell Converse	*New York City*	348 WH.
Charles Montague Cooke, Jr.	*Honolulu, H. I.*	55 W. D.
William Gardner Cooke	*Oakland, Cal.*	266 L.
Asahel Walker Cooper	*New Orleans, La.*	82 Wall st.
William Thorne Cowdrey	*New Rochelle, N. Y.*	378 WH.
Franklin Muzzy Crosby	*Minneapolis, Minn.*	390 B.
Frederick Baldwin Curtis	*New Milford, Conn.*	192 York st.
Melville Goss Curtis	*Cincinnati, O.*	179 LYC.
William Darrach	*Germantown, Pa.*	355 WH.
DeWitt Davis, Jr.	*Milwaukee, Wisc.*	114 High st.
Joseph Lewis Davis	*Helena, Mont.*	1016 Chapel st.
Wirt Davis	*Dallas, Tex.*	373 Crown st.
George Parmly Day	*New York City*	36 V.
Charles Brandebury DeCamp	*Cincinnati, O.*	202 D.
Henry Lockwood deForest	*New York City*	273 L.
Frank Courtenay Dodd	*New York City*	60 W. D.
Charles Hamilton Doud, Jr.	*Scranton, Pa.*	155 Elm st.
Michael Thomas Downes	*Wallingford, Conn.*	Wallingford
George Silas Drake, Jr.	*St. Louis, Mo.*	1044 Chapel st.
Arthur Joy Draper	*Washington, D. C.*	22 College st.
Benjamin Franklin Eby	*Lancaster, Pa.*	1010 Chapel st.
Richard Fenwick Ely	*New York City*	1044 Chapel st.
Frederick Leverett Emmons	*E. Hartland, Conn.*	1010 Chapel st.
Charles Sumner Evans	*Pittsburgh, Pa.*	1010 Chapel st.
Arthur Woolsey Ewell	*Washington, D. C.*	2 University pl.
John Louis Ewell	*Washington, D. C.*	2 University pl.
Martin Bell Faris	*Brooklyn, N. Y.*	159 Elm st.
George Bronson Farnam	*New Haven, Conn.*	166 F.
Augustine William Ferrin, Jr.	*Salamanca, N. Y.*	159 Elm st.
George Jackson Ferry, Jr.	*Mendham, N. J.*	1010 Chapel st.
Clarence Mann Fincke	*Brooklyn, N. Y.*	178 LYC.
Henry Mark Fisher	*New Haven, Conn.*	84 Lyon st.

Lucius George Fisher, Jr.	*Chicago, Ill.*	22 College st.
Emerson David Fite	*Marion, O.*	413 Temple st.
Thomas Francis Fitzgerald	*Hopkinton, Mass.*	114 N.
Jacob LaFayette Frey, Jr.	*Lancaster, Pa.*	1010 Chapel st.
Andrew Chesley Furbush	*Machias, Me.*	87 S. M.
Elisha Ely Garrison	*Colorado Springs, Col.*	180 LYC.
John David Garth	*Hannibal, Mo.*	1010 Chapel st.
Frank Patrick Garvan	*Hartford, Conn.*	156 F.
Sumner Kemble Gerard	*New York City*	344 WH.
James Rieser Gerhard	*Douglassville, Pa.*	356 WH.
Curtenius Gillette	*New York City*	22 College st.
Robert Capen Gilmore	*Rutland, Vt.*	63 W. D.
Charles Frederick Gloth	*Erie, Pa.*	120 High st.
Walter Lippincott Goodwin	*New York City*	331 WH.
Edward Eugene Gregory	*New York City*	159 York st.
Robert DeLancey Hamilton	*Newburyport, Mass.*	136 F.
Edward Stephen Harkness	*New York City*	140 F.
William Augustus Hart	*New Haven, Conn.*	19 Warren st.
George Sewell Haydock	*Cincinnati, O.*	350 WH.
Edgar Laing Heermance	*New Haven, Conn.*	83 Wall st.
Charles Edwin Heffelfinger	*Minneapolis, Minn.*	332 WH.
Charles Reed Hemenway	*Manchester, Vt.*	356 WH.
William Henry Harrison Hewitt	*New Haven, Conn.*	65 Dixwell av.
Ebenezer Hill, Jr.	*Danbury, Conn.*	343 WH.
Rurey Frank Hill	*Kittanning, Pa.*	114 N.
John Ralph Hilton	*Newburgh, N. Y.*	1010 Chapel st.
Benjamin Barrett Hinckley	*Northampton, Mass.*	381 WH.
Robert Stanley Hincks	*Bridgeport, Conn.*	1161 Chapel st.
Louis Hinkey	*Tonawanda, N. Y.*	393 B.
Philip Hinkle	*Cincinnati, O.*	78 S. M.
Allen Hall Hitchcock	*Meriden, Conn.*	79 Wall st.
Harry Leslie Morris Hoffman	*Cressona, Pa.*	88 Park st.
Theodore Charles Hoffman	*Rockville, Conn.*	120 High st.
Harold Goodwin Holcombe	*Hartford, Conn.*	333 WH.
Gerry Rounds Holden	*Portland, Me.*	157 F.
Robert Willard Holden	*Newark, N. J.*	380 WH.
Lorenzo William Housel	*Nichols, N. Y.*	16 Eld st.
John Fell Howe	*Philadelphia, Pa.*	22 College st.
Murray Shipley Howland	*Wilmington, Del.*	382 WH.
Benjamin Hubbell, Jr.	*Derby, Conn.*	90 Park st.
William Stone Hubbell, Jr.	*Buffalo, N. Y.*	369 WH.
Gerald Hughes	*Denver, Col.*	22 College st.
Edward Hicks Hume	*Bombay, India*	381 WH.
Chester Jay Hunt	*Jersey City, N. J.*	267 Orange st.

Louis Charles Ilfeld	*Las Vegas, N. M.*	123 York st.
William Julius Edward Jente	*New Haven, Conn.*	97 Bristol st.
Sherman Foster Johnson	*Meriden, Conn.*	79 Wall st.
Albert Francis Judd, Jr.	*Honolulu, H. I.*	377 WH.
James Robert Judd	*Honolulu, H. I.*	377 WH.
Max Kasmirsky	*Dayton, O.*	1010 Chapel st.
Burt Bronson Kauffman	*St. Louis, Mo.*	368 WH.
Harold Meredith Kauffman	*St. Louis, Mo.*	368 WH.
Harry Mayham Keator	*Roxbury, N. Y.*	338 WH.
Wendell Prime Keeler	*Washingtonville, N. Y.*	Dwight Hall
Charles Prentice Kellogg	*New York City*	412 B.
Edwin Ruthven Kelsey, Jr.	*Short Beach, Conn.*	379 WH.
Albert Emmett Kent, 2d	*New York City*	279 L.
Albert Boardman Kerr	*Washington, D. C.*	361 WH.
Frank Ray Kimbley	*Owensboro, Ky.*	372 WH.
Samuel King	*West Salamanca, N. Y.*	411 B.
Cornelius Porter Kitchel	*East Liverpool, O.*	372 WH.
Henry Timothy Kneeland, Jr.	*Brooklyn, N. Y.*	324 W.
Herman Davis Kountze	*Omaha, Nebr.*	113 Wall st.
Luther Latham Kountze	*Omaha, Nebr.*	113 Wall st.
Henry George Lapham	*New York City*	348 WH.
Walter Jerome Lapham	*Glens Falls, N. Y.*	157 F.
Frederick Palmer Latimer	*Montville, Conn.*	371 WH.
Arthur William Lawrence	*New York City*	345 WH.
Henry Ledyard	*Detroit, Mich.*	1076 Chapel st.
Irving Prentice Leete	*Leete's Island, Conn.*	2 Audubon st.
Frederick Reimold Lehlbach	*Newark, N. J.*	1010 Chapel st.
Dwight Milton Lewis	*New Haven, Conn.*	438 George st.
James Hoyt Lewis	*Hudson, N. Y.*	92 S. M.
Goodloe Lindsley	*Nashville, Tenn.*	1044 Chapel st.
James Israel Lineaweaver	*Philadelphia, Pa.*	180 LYC.
William Gilman Low, Jr.	*Brooklyn, N. Y.*	22 College st.
Frederick Bliss Luquiens	*New Haven, Conn.*	201 Bishop st.
Francis Martin Lynch	*Olyphant, Pa.*	1010 Chapel st.
Thomas Perkins MacBride	*Grand Rapids, Mich.*	223 York st.
George Bliss McCallum	*Northampton, Mass.*	337 WH.
Chester McVey McCance	*Pittsburgh, Pa.*	64 High st.
Frank McCoy, Jr.	*New York City*	236 Crown st.
Theodore Dwight McDonald	*New York City*	387 B.
George Stewart McFarlan	*Amsterdam, N. Y.*	114 High st.
LeRoy McKim	*New York City*	324 W.
John Robert McNeille	*Pine Bluff, N. C.*	376 WH.
Roy McWilliams	*Chicago, Ill.*	376 WH.
Knox Maddox	*San Francisco, Cal.*	22 College st.

Walter Dunham Makepeace	*Springfield, Mass.*	382 WH.
Arthur Robertson Manice	*New York City*	22 College st.
Huntington Mason	*Chicago, Ill.*	22 College st.
Nathaniel Robert Mason	*North Conway, N. H.*	383 B.
David Irving Mead	*Brooklyn, N. Y.*	326 W.
Larkin Goldsmith Mead	*New York City*	347 WH.
Newton Alexander Merritt, Jr.	*Newark, N. J.*	380 WH.
John Vincent Miller	*Akron, O.*	276 Elm st.
Robert Hume Miller	*New Haven, Conn.*	133 Wall st.
Theodore Westwood Miller	*Akron, O.*	276 Elm st.
Robert Doremus Mills	*East Orange, N. J.*	22 College st.
Theodore Monell	*New York City*	396 B.
James Otis Moore	*Geneseo, N. Y.*	318 Elm st.
William Edgar Fleming Moore	*New York City*	386 B.
Charles Frederick Mosle	*New York City*	63 V.
Robert Lewis Munger	*Ansonia, Conn.*	349 WH.
Fred Towsley Murphy	*Junction City, Kan.*	63 W. D.
John Killam Murphy	*New Haven, Conn.*	85 Sachem st.
Charles Frederick Neergaard	*Brooklyn, N. Y.*	326 W.
Burhans Newcombe	*New York City*	166 York st.
Edward Payson Newton	*Norwich, N. Y.*	273 L.
Harry Edgar Nolan	*Chicago, Ill.*	120 High st.
Jesse Watson Olney	*Catskill, N. Y.*	370 WH.
William Henry Owen, Jr.	*New York City*	22 College st.
Harry Williams Paddock	*Springfield, Ill.*	371 WH.
Hervey Coke Parke, Jr.	*Detroit, Mich.*	354 WH.
Julius Leonard Parke	*Cincinnati, O.*	383 B.
George Lawrence Parker	*Louisville, Ky.*	394 B.
Stewart Patterson	*Chicago, Ill.*	114 High st.
George Barthold Pfingst	*Louisville, Ky.*	114 High st.
James Farnsworth Pierce, Jr.	*Brooklyn, N. Y.*	22 College st.
Amos Richards Eno Pinchot	*New York City*	344 WH.
Bernard Wesley Pond	*Unionville, Conn.*	94 S. M.
Blachley Hoyt Porter	*Stamford, Conn.*	358 WH.
William Frederick Porter	*New Haven, Conn.*	139 Whalley av.
Acton Poulet	*White Cloud, Kansas*	251 Crown st.
Foster Pruyn	*Albany, N. Y.*	193 C.
Francis Winthrop Pyle	*Bridgeport, Conn.*	296 W.
Clarence Marsh Reed	*Stamford, Conn.*	9 Library st.
Walter Gordon Resor	*Cincinnati, O.*	78 S. M.
Alfred Newton Richards	*Stamford, N. Y.*	79 S. M.
Philip Franklin Ripley	*Andover, Mass.*	153 F.
George Hadley Rountree	*Brooklyn, N. Y.*	345 WH.
Wallis Gibson Rowe	*Afton, N. Y.*	187 C.

Augustus Graham Ruggles	*Washington, D. C.*	22 College st.
Theodore Frederic Russel	*Pottsville, Pa.*	1076 Chapel st.
Henry Vandyne Ryder	*Plainfield, N. J.*	193 C.
Dean Sage, Jr.	*Albany, N. Y.*	280 L.
DeWitt Linn Sage	*Ithaca, N. Y.*	1076 Chapel st.
John Cleveland Salter	*Carbondale, Ill.*	79 Wall st.
George Whitefield Samson	*Portland, Me.*	82 S. M.
James Putnam Sawyer	*Rutland, Vt.*	390 B.
George William Schmidt, Jr.	*Pittsburgh, Pa.*	373 WH.
Carl Herman Schultz	*Murray Hill, N. J.*	117 Wall st.
Porter Farley Sheldon	*Brooklyn, N. Y.*	1010 Chapel st.
Thomas Herrick Sherrard	*Morristown, N. J.*	373 WH.
Arthur Charles Sherwood	*Englewood, N. J.*	349 WH.
Edward Movius Sicard	*Buffalo, N. Y.*	369 WH.
Harry Burr Siglar	*Newburgh, N. Y.*	25 High st.
Albert Silverstein	*Denver, Col.*	1010 Chapel st.
James Hervey Simpson	*St. Paul, Minn.*	374 WH.
Edward Laurence Smith	*Hartford, Conn.*	1016 Chapel st.
John Duke Smith	*Andover, Mass.*	332 WH.
Nathan Ayer Smyth	*New Haven, Conn.*	328 Temple st.
George Elliott Somers, Jr.	*New Haven, Conn.*	11 Vernon st.
Louis Michael Sonnenberg	*New Haven, Conn.*	696 State st.
Frank Edgar Spaulding	*East Norwalk, Conn.*	1010 Chapel st.
Raymond Chapman Spaulding	*Montclair, N. J.*	82 S. M.
Manning Force Stires, Jr.	*Jersey City, N. J.*	109 York st.
Arthur Temple Strong	*New Brunswick, N. J.*	22 College st.
Walter Hatch Stuart	*Brooklyn, N. Y.*	120 High st.
Graham Sumner	*New Haven, Conn.*	120 N.
Dudley Vanness Sutphin	*Cincinnati, O.*	202 D.
Victor Sutro	*New York City*	378 WH.
Herbert Leonard Sutton	*Springfield, Mass.*	388 B.
Clifford Munroe Tappen	*Jamaica, N. Y.*	1010 Chapel st.
Dale Stouffer Tate	*Pittsburgh, Pa.*	354 WH.
Ellsworth Mather Taylor	*New York City*	59 W. D.
George Burton Taylor	*Erie, Pa.*	156 F.
Burtis Judd Teasdale	*Westboro', Mass.*	84 S. M.
Benjamin Augustus Thaxter	*Machias, Me.*	87 S. M.
Charles Edward Thomas	*Belleville, Ill.*	420 B.
Benjamin Franklin Carver Thompson	*Chicago, Ill.*	367 WH.
John Henry Thompson, Jr.	*New York City*	64 High st.
Edward Tillotson	*New Haven, Conn.*	294 Lawrence st
Frederick Tilney	*Brooklyn, N. Y.*	370 WH.
Prince Henry Tirrell, Jr.	*South Weymouth, Mass.*	391 B.
William Asahel Todd	*Unionville, Conn.*	77 S. M.

Henry Hotchkiss Townshend	*New Haven, Conn.*	234 Church st.
Luther Stephen Trowbridge, Jr.	*Detroit, Mich.*	166 F.
Albert Phelps Tuller	*West Simsbury, Conn.*	90 Park st.
David Cushman Twichell	*Hartford, Conn.*	280 L.
John Butler Tytus, Jr.	*Middletown, O.*	1076 Chapel st.
Robb dePeyster Tytus	*New Haven, Conn.*	1076 Chapel st.
George Whitman Updike, Jr.	*St. Louis, Mo.*	338 WH.
Edwin Wilkes VanDeusen	*Tranquility, N. J.*	82 Whalley av.
Philip VanIngen	*New York City*	178 LYC.
Irving Dillaye Vann	*Syracuse, N. Y.*	391 B.
Gysbert VanSteenwyk, Jr.	*La Crosse, Wisc.*	343 WH.
Robert King Vibert	*Unionville, Conn.*	360 WH.
Dana Dudley Wallace	*Brooklyn, N. Y.*	162 F.
Minot Lester Wallace	*Derby, Conn.*	395 B.
Nathaniel Waldron Wallis	*East Orange, N. J.*	1044 Chapel st.
Clarence Walworth	*Newton, Mass.*	60 W. D.
Edward Twichell Ware	*Hartford, Conn.*	59 W. D.
Karl Webb	*New York City*	346 WH.
Ernest Alden Wells	*Hartford, Conn.*	104 N.
William Shepard Keteltas Wetmore	*Newport, R. I.*	346 WH.
Alexander Wheeler	*Bridgeport, Conn.*	156 Grove st.
Joseph Storer Wheelwright, 2d	*Bangor, Me.*	374 WH.
Francis Millward Wilson	*New York City*	236 Crown st.
Huntington Wilson	*Chicago, Ill.*	63 V.
Jonathan Dunham Wilson, Jr.	*Newburgh, N. Y.*	1010 Chapel st.
Worrall Wilson	*Colorado Springs, Col.*	136 F.
Clarence Winter	*Indianapolis, Ind.*	1044 Chapel st.
John Humphrey Winterbotham	*Joliet, Ill.*	355 WH.
Frank Clark Yeomans	*New York City*	104 N.
Mason Young, Jr.	*New York City*	1044 Chapel st.

SOPHOMORES, 291

FRESHMAN CLASS

George Haven Abbott	*Brookline, N. H.*	384 Crown st.
Thomas Allen, 3d	*St. Louis, Mo.*	137 Wall st.
Frederick Theodore Anderson	*Taftville, Conn.*	169 West st.
William Whiting Andrews, Jr.	*Cleveland, O.*	250 York st.
Robert Wodrow Archbald, Jr.	*Scranton, Pa.*	128 High st.
Herman Nathaniel Baker	*Sunapee, N. H.*	1018 Chapel st.
Abraham Rosecrans Baldwin	*Chicago, Ill*	339 WH.
Arthur Douglas Baldwin	*Maui, H. I.*	1044 Chapel st.
Ernest Bamberger	*Salt Lake City, Utah*	1044 Chapel st.
Carleton Henry Barclay	*Homer City, Pa.*	343 George st.
William Lockwood Barnett	*New Haven, Conn.*	27 College st.
Ashbel Hinman Barney	*New York City*	206 D.
Arthur Henry Bartlett	*Plainville, Conn.*	14 Home pl.
Samuel Eliot Bassett	*Wilton, Conn.*	88 Park st.
Abraham Burtis Baylis, Jr.	*Brooklyn, N. Y.*	248 York st.
Clifford Edward Bear	*Lyons, N. Y.*	64 Lake pl.
Richard Leonard Beckwith	*Hartford, Conn.*	114 High st.
Norman Buckingham Beecher	*Hillsboro, O.*	231 York st.
Elmer Ellsworth Beeck	*New York City*	215 East st.
Thomas Heaton Beers	*New Haven, Conn.*	25 Vernon st.
Enoch Frye Bell	*North Leominster, Mass.*	39 Lake pl.
William Park Benjamin	*New London, Conn.*	165 York st.
Burnham Carter Benner	*Wellesley, Mass.*	96 S. M.
Martin Toscan Bennett	*Hartford, Conn.*	313 W.
Morris Uri Bernheim	*Louisville, Ky.*	263 Crown st.
Edgar Hayes Betts	*Lansingburgh, N. Y.*	231 York st.
Wyllys Rosseter Betts	*New York City*	49 V.
Luther Guy Billings	*Washington, D. C.*	226 York st.
Hiram Bingham, Jr.	*Honolulu, H. I.*	125 N.
Lorenzo Blackstone	*Norwich, Conn.*	168 F.
Isaac Bliss	*New Haven, Conn.*	270 George st.
Eugene Blumenthal	*New York City*	109 York st.
Franklin Hendrickson Booth	*Newtown, N. Y.*	109 York st.
Howard Seymour Borden	*New York City*	11 V.
Frank Joseph Born	*Poughkeepsie, N. Y.*	22 Whalley av.
William Lodge Brett	*Matteawan, N. Y.*	14 Whalley av.
Zenas Marston Briggs	*New Bedford, Mass.*	128 N.
John Merritt Bromley	*New Haven, Conn.*	101 St. John st.
James Coffinberry Brooks	*Cleveland, O.*	233 York st.
Philip Ranney Brooks	*Minneapolis, Minn.*	250 York st.

Daniel Joseph Brown	*Thompsonville, Conn.*	95 S. M.
Thomas Brown, Jr.	*Scottsville, N. Y.*	223 York st.
Robert Zimmerman Buchwalter	*Cincinnati, O.*	473 Elm st.
Alexander Bunce	*Hartford, Conn.*	261 Crown st.
Eugene Watson Burlingame	*Albany, N. Y.*	53 Lake pl.
Jacob Burnet Burnet	*Cincinnati, O.*	353 WH.
Noah Arthur Burr	*Winchester, Conn.*	266 York st.
David DeForest Burrell	*New York City*	208 D.
Eli Ives Butler	*Meriden, Conn.*	107 York st.
Henry Emerson Butler	*Ogontz, Pa.*	1157 Chapel st.
Louis Henry Butterworth	*Brookfield, Mass.*	111 York st.
Dallas Cannon Byers	*Allegheny, Pa.*	1079 Chapel st.
Bertram Llewellyn Cadwalader	*San Francisco, Cal.*	159 Elm st.
William Patrick Callanan	*Hopkinton, Mass.*	547 Howard av.
Robert Callender	*Providence, R. I.*	327 W.
Andrews Storrs Campbell	*Enfield, Conn.*	95 S. M.
Clifford Dudley Cheney	*S. Manchester, Conn.*	223 York st.
Wilson Kelley Chisholm	*Cleveland, O.*	268 L.
Campbell Mithoff Chittenden	*Columbus, O.*	1142 Chapel st.
Augustus Wilson Clapp	*St. Paul, Minn.*	343 George st.
Bruce Clark	*Chicago, Ill.*	242 York st.
Charles Brainard Clark	*Boston, Mass.*	170 York st.
Edward Lord Clark	*New Haven, Conn.*	398 B.
Horace Bushnell Clark	*Hartford, Conn.*	328 W.
Orrin Melville Clark	*Whitewood, S. Dak.*	127 N.
Ralph Ewing Clark	*Cincinnati, O.*	314 Crown st.
Augustus Frisbie Cleveland	*Oak Park, Ill.*	118 York st.
James Henry Clouse	*Clear Branch, Tenn.*	8 Pearl st.
James Dickerson Coe	*Newark, N. J.*	1204 Chapel st.
Henry Baldwin Cogswell	*Bridgeport, Conn.*	151 F.
George Anderson Colston	*Baltimore, Md.*	163 York st.
Molton Avery Colton	*Burksville, Ky.*	93 S. M.
Gilbert Sedgwick Cowan	*Louisville, Ky.*	250 York st.
Nathaniel Hartley Cowdrey	*Edgewater, N. J.*	163 York st.
James Tilden Crane	*Newburgh, N. Y.*	242 York st.
Raymond Moreau Crosby	*Grand Rapids, Mich.*	330 W.
Robert Henry Crowell	*Cleveland, O.*	233 York st.
Henry Hastings Curran	*Englewood, N. J.*	270 L.
Moreau Delano	*Philadelphia, Pa.*	283 Crown st.
Marshall Jewell Dodge	*New York City*	270 Crown st
William Francis Dominick	*New York City*	1040 Chapel st.
Adam John Dotzert	*Rockville, Conn.*	60 Lyon st.
Robert Graham Dun Douglass	*Orange, N. J.*	334 WH.
Edgar Selah Downs	*Southington, Conn.*	92 Clark st.

Frank Griggs Dresser	*Southbridge, Mass.*	107 York st.
Philip Earl Dudley	*New London, Conn.*	134 Howe st.
Milo Day Eames	*Buffalo, N. Y.*	1044 Chapel st.
Dana Lee Eddy	*Leavenworth, Kansas*	261 L.
David Brewer Eddy	*Leavenworth, Kansas*	261 L.
Manfred William Ehrich	*New York City*	1044 Chapel st.
George Ellis	*Pottsville, Pa.*	1142 Chapel st.
Morris Upham Ely	*Brooklyn, N. Y.*	1204 Chapel st.
Edward Octavius Emerson, Jr.	*Titusville, Pa.*	263 Crown st.
William Gage Erving	*Hartford, Conn.*	352 WH.
Ray Llewellyn Evans	*Cincinnati, O.*	65 Grove st.
Charles Everett Farr	*Athol, Mass.*	413 B.
Fred Julius Fassett	*Waitsfield, Vt.*	37 Lynwood st.
Malcolm Shiland Fearey	*Albany, N. Y.*	53 Lake pl.
Morton Lazell Fearey	*Albany, N. Y.*	53 Lake pl.
Joseph Livingston Fewsmith	*Newark, N. J.*	128 Wall st.
Herbert Wescott Fisher	*New Haven, Conn.*	459 Prospect st.
Ashbel Parmelee Fitch, Jr.	*New York City*	373 Crown st.
Lawrence Fitch	*Bridgeport, Conn.*	166 York st.
Henry Fletcher	*Brooklyn, N. Y.*	406 B.
William Ruthven Flint	*Collinsville, Conn.*	51 Lake pl.
Richard Earp Forrest	*Philadelphia, Pa.*	248 York st.
Charles Job Fowler	*Thompsonville, Conn.*	364 WH.
John Harold Fuller	*Barton Landing, Vt.*	190 C.
Charles Brownell Gage	*New York City*	178 Columbus av.
Morrell Walker Gaines	*Albuquerque, N. M.*	422 B.
Weston Spies Gales	*Elizabeth, N. J.*	75 Broadway
Herbert Draper Gallaudet	*Washington, D. C.*	256 L.
Arthur Thomas Galt	*Chicago, Ill.*	47 V.
Robert Thompson Garrison	*Pittsburgh, Pa.*	293 York st.
Robert Harvey Gay	*Burlington, Vt.*	340 WH.
Charles Frederick Gehrmann	*Peoria, Ill.*	1096 Chapel st.
Arthur Howell Gerhard	*Ardmore, Pa.*	170 York st.
Fred Macdonald Gilbert	*Brooklyn, N. Y.*	401 B.
David Halliday Moffat Gillespie	*Newburgh, N. Y.*	78 Lake pl.
Richard Butler Glaenzer	*New York City*	226 York st.
Malcolm Glendinning	*Salt Lake City, Utah*	254 York st.
Walter Godchaux	*New Orleans, La.*	1079 Chapel st.
Otto Goldsmith	*Portland, Oregon*	205 Crown st.
Charles Edmund Goodman	*St. Louis, Mo.*	373 Crown st.
Charles Archibald Goodwin	*Hartford, Conn.*	270 Crown st.
Robert Hubbard Gould	*Bridgeport, Conn.*	1179 Chapel st.
Philip Sanford Goulding	*Rutland, Vt.*	103 Park st.
George Wilbert Grandin	*Tidioute, Pa.*	261 Crown st.

Philip William Grece	*Jersey City, N. J.*	2 Audubon st.
Louis Freeman Greene	*Albion, N. Y.*	219 York st.
Charles Welles Gross	*Hartford, Conn.*	250 York st.
Eugene Hale, Jr.	*Ellsworth, Me.*	49 V.
Philip Walbridge Hamill	*Chicago, Ill.*	166 York st.
James Alexander Hamilton	*Caledonia, N. Y.*	9 Library st.
Taber Hamilton	*Fort Wayne, Ind.*	203 York st.
George Arthur Hanford	*Syracuse, N. Y.*	413 B.
Archibald Cary Harrison	*New York City*	1204 Chapel st.
Joseph Hall Hart	*Cincinnati, O.*	9 Library st.
Winfred Morgan Hartshorn	*Colorado Springs, Col.*	24 High st.
Harold Ames Hatch	*Brooklyn, Conn.*	1204 Chapel st.
Adelbert Stone Hay	*Washington, D. C.*	5 V.
Charles Edward Hay, Jr.	*Springfield, Ill.*	29 High st.
Abner Pierce Hayes	*Bethlehem, Conn.*	83 Park st.
Josiah Judson Hazen	*Haddam, Conn.*	96 S. M.
Harry Heaton	*Washington, D. C.*	1142 Chapel st.
Daniel Learned Hebard	*Pequaming, Mich.*	159 Elm st.
Nicholas Paul Hench	*Harrisburg, Pa.*	1142 Chapel st.
James Francis Joseph Hennessey	*New Haven, Conn.*	641 State st.
John Joseph Higgins	*New Haven, Conn.*	569 Grand av.
Henry Winslow Hincks	*Bridgeport, Conn.*	314 Crown st.
Charles Potter Hine	*Poland, O.*	46 Hillhouse av.
Frank Gilbert Hinsdale	*Pittsfield, Mass.*	217 York st.
Lawrence Hitchcock	*Cleveland, O.*	114 High st.
Robert Reynolds Hitt	*Washington, D. C.*	5 V.
Peter Hagner Holme	*Denver, Col.*	311 York st.
Philip Lee Hotchkiss	*Hartford, Conn.*	1044 Chapel st.
Ernest Howe	*Washington, D. C.*	223 D.
Robert Ernest Hume	*Ahmednagar, India*	24 Home pl.
Robert Scott Hume	*Alexandria, Va.*	261 Crown st.
Frederick William Huxford	*Washington, D. C.*	281 Crown st.
Charles Edward Ives	*Danbury, Conn.*	76 S. M.
Stuart Wells Jackson	*Philadelphia, Pa.*	314 Crown st.
Warren Prescott Jackson	*Westborough, Mass.*	27 High st.
Thomas Martin James	*Kansas City, Mo.*	20 Whalley av.
John Jay	*New York City*	1044 Chapel st.
Job Edgar Johnson	*Summit, R. I.*	300 Elm st.
Leeds Johnson	*New York City*	313 York st.
Lorenzo Bascom Johnson	*Washington, D. C.*	159 York st.
Warren Bowditch Johnson	*Enfield, Conn.*	352 WH.
Carleton Coffin Jones	*Wilkes-Barre, Pa.*	116 High st.
Junius Royal Judson	*Rochester, N. Y.*	157 York st.
Charles Edward Julin	*Chicago, Ill.*	191 C.

Leroy DeWolf Kellogg	*Chicago, Ill.*	75 Broadway
MacIntosh Kellogg	*New York City*	22 College st.
Sidney Robinson Kennedy	*Brooklyn, N. Y.*	90 High st.
Frederic Kernochan	*New York City*	12 V.
Everett Phoenix Ketchum	*New York City*	1044 Chapel st.
Edwin Burruss King	*Wilmington, N. C.*	168 York st.
Harry Davis Kingsbury	*Springfield, Mass.*	170 York st.
Jerome Herrmann Koehler	*New York City*	1138 Chapel st.
David Thomas Leahy, Jr.	*Brooklyn, N. Y.*	406 B.
Augustus Canfield Ledyard	*Detroit, Mich.*	1079 Chapel st.
Frederick August Lehlbach	*Newark, N. J.*	1010 Chapel st.
William Robertson Letcher	*Silver Creek, Ky.*	7 Library st.
Louis Samter Levy	*St. Louis, Mo.*	50 Park st.
Alexander Ingersoll Lewis	*Detroit, Mich.*	173 F.
VanSinderen Lindsley	*Washington, D. C.*	199 York st.
John Riley Livermore	*New York City*	10 V.
John Quentin Lockman	*New York City*	208 D.
Oscar Loewi	*New York City*	53 Lake pl.
Franklin Atkins Lord	*Moorhead, Minn.*	1460 Chapel st.
Paul Henry Lyman	*Chicago, Ill.*	1079 Chapel st.
Dennis Joseph McCarthy	*Stafford Springs, Conn.*	22 Whalley av.
William Laird McCormick	*Hayward, Wisc.*	383 George st.
Theodore Alexander McGraw	*Detroit, Mich.*	199 York st.
Franklin Gray McIntosh	*Franklin, Pa.*	224 D.
Berkeley McKesson	*New York City*	159 Elm st.
Thomas Sabine McLane	*New York City*	223 D.
Jay Chandler McLauchlan	*Cleveland, O.*	254 York st.
Paul Augustine McQuaid	*New Haven, Conn.*	181 Orchard st.
Francis Sherwood Male	*Brooklyn, N. Y.*	168 F.
Erwin Walter Markham	*East Longmeadow, Mass.*	93 S. M.
George Tracy Marsh	*Lansingburgh, N. Y.*	1016 Chapel st.
Samuel Andrew Marshall	*Cromwell, Conn.*	152 Grove st.
Stanhope Stewart Marshall	*Chattanooga, Tenn.*	364 George st.
Julian Starkweather Mason	*Chicago, Ill.*	261 Crown st.
Irvin McDowell Massey, Jr.	*Memphis, Tenn.*	107 York st.
Walter Meigs	*New York City*	1145 Chapel st.
Charles Edmund Merrill, Jr.	*New York City*	1044 Chapel st.
Orlando Paul Metcalf	*Pittsburgh, Pa.*	109 Wall st.
Seth Minot Milliken, Jr.	*New York City*	264 York st.
Sydney Knox Mitchell	*Lakeville, N. Y.*	318 Elm st.
Grenville Dodge Montgomery	*Denver, Col.*	1079 Chapel st.
George Colton Moore	*North Madison, Conn.*	73 Howe st.
Gouverneur Morris, Jr.	*New York City*	254 York st.
Beriah Edwin Mossman, Jr.	*Greenville, Pa.*	27 High st.

Mandeville Mullally	*Pendleton, S. C.*	76 S. M.
George Alphonsus Mullen	*Trumbull, Conn.*	10 Ashmun st.
Floyd Woodruff Mundy	*Riverside, Ill.*	1079 Chapel st.
George Hewitt Myers	*Washington, D. C.*	226 York st.
Robert Christman Neal, Jr.	*Harrisburg, Pa.*	1142 Chapel st.
Thomas Davidson Newmyer	*Connellsville, Pa.*	159 Elm st.
Edward Keator Norris	*New York City*	91 Park st.
John Treadwell Norton, Jr.	*Albany, N. Y.*	1145 Chapel st.
Ernest Clapp Noyes	*Newton Center, Mass.*	37 Lynwood st.
Norman Day Otis	*Wellsville, N. Y.*	9 Library st.
William Satterlee Packer, Jr.	*Brooklyn, N. Y.*	1204 Chapel st.
Brainard Warner Parker	*Washington, D. C.*	250 Crown st.
Grenville Parker	*New York City*	331 WH.
Charles Thomas Payne	*Cleveland, O.*	82 Whalley av.
Darius Edward Peck	*Hudson, N. Y.*	270 L.
William Hazen Peck	*New Britain, Conn.*	99 Howe st.
Charles Henry Peix, Jr.	*Danbury, Conn.*	281 Crown st.
Edward Carter Perkins	*Hartford, Conn.*	328 W.
George Bulkley Perry	*Southport, Conn.*	169 F.
Lemuel Gardner Pettee	*Sharon, Mass.*	125 N.
Pierre Rittenhouse Porter	*Kansas City, Mo.*	321 W.
William Stevens Ray	*Brooklyn, N. Y.*	90 High st.
Harold Sylvester Recknagel	*Great Neck, N. Y.*	382 Crown st.
Howard Dickinson Reeve	*Appleton, Wisc.*	90 High st.
Goodrich Barbour Rhodes	*Cincinnati, O.*	473 Elm st.
Alfred Ernest Richards	*Hartford, Conn.*	142 F.
Fred Erwin Richardson	*Lancaster, N. H.*	576 George st.
Robert Kimball Richardson	*New Britain, Conn.*	99 Howe st.
Hugh Howard Riddle	*Erie, Pa.*	199 York st.
George Minot Ripley	*St. Louis, Mo.*	31 High st.
Julien Ashton Ripley	*New York City*	11 V.
Alonzo Clarke Robinson	*New York City*	22 College st.
Maxwell Warren Rockwell	*S. Woodstock, Conn.*	82 Whalley av.
James Otis Rodgers	*Toledo, O.*	341 WH.
David Francis Rogers	*New Canaan, Conn.*	256 L.
John Shillito Rogers	*New York City*	250 York st.
Lebbeus Harding Rogers, Jr.	*New York City*	398 B.
Robert Kilburn Root	*New Haven, Conn.*	119 College st.
Harry Hosmer Rowland	*Brooklyn, N. Y.*	38 Lynwood st.
John Dunbar Rusher	*Brooklyn, N. Y.*	163 York st.
Robert Oliver Ryder	*Andover, Mass.*	419 B.
Edward Sawyer	*Dover, N. H.*	313 W.
Herbert Adolph Scheftel	*New York City*	163 York st.
George Gebner Schreiber	*Hoboken, N. J.*	224 D.

Jewett Hamilton Scranton	*Madison, Conn.*	155 Elm st.
Worthington Scranton	*Scranton, Pa.*	199 York st.
William Edward Selin	*Chicago, Ill.*	128 N.
Frank Hiram Shall	*Little Falls, N. Y.*	283 Crown st.
Francis McHenry Shaw	*Westminster, Md.*	221 York st.
Frank William Sheehan	*West Haven, Conn.*	281 Crown st.
Elliott Fitch Shepard	*New York City*	48 V.
Ralph Henry Shone	*Camden, N. J.*	170 York st.
William Jacob Shroder	*Cincinnati, O.*	252 York st.
Henry Sillcocks	*Brooklyn, N. Y.*	22 College st.
Frank Hunter Simmons	*Brooklyn, N. Y.*	173 F.
Archibald Delap Smith	*Brooklyn, N. Y.*	31 Lake pl.
Edward Burnham Smith	*Detroit, Mich.*	114 High st.
Henry King Smith	*New York City*	313 York st.
James Robinson Smith	*Hartford, Conn.*	1079 Chapel st.
Thomas Max Smith	*Yonkers, N. Y.*	261 Crown st.
Charles Conrad Spreyer	*New Haven, Conn.*	38 Elliott st.
Samuel Newton Spring	*Le Mars, Iowa*	97 N.
George Prichard Stimson	*Cincinnati, O.*	136 Dwight st.
Frank Raymond Stocker	*Jermyn, Pa.*	339 George st.
Norman Arthur Street	*Chicago, Ill.*	47 V.
Edward Clark Streeter	*Chicago, Ill.*	261 Crown st.
Richard Udall Strong	*New Brunswick, N. J.*	22 College st.
Isaac Newton Swift	*Ypsilanti, Mich.*	341 WH.
Fred Wheeler Tenney	*Worcester, Mass.*	111 York st.
Alfred Howe Terry	*Knoxville, Tenn.*	30 Hillhouse av.
Roderick Terry, Jr.	*New York City*	206 D.
Wilmot Haines Thompson, Jr.	*East Orange, N. J.*	127 N.
Wirt Lord Thompson	*St. Louis, Mo.*	170 York st.
Lawrence Thurston	*Whitinsville, Mass.*	260 L.
William Jessup Torrey	*Scranton, Pa.*	128 High st.
Ferrars Heaton Tows	*New York City*	313 York st.
Edwin Bryant Treat	*Wallingford, Conn.*	90 Park st.
Hayes Quincy Trowbridge	*New Haven, Conn.*	310 Temple st.
Robert James Turnbull, Jr.	*Morristown, N. J.*	168 York st.
Victor Morris Tyler	*New Haven, Conn.*	33 College st.
William Newell Vaile	*Denver, Col.*	373 Crown st.
Frederick Theodore vanBeuren, Jr.	*New York City*	248 York st.
Walter Lewis Vaughan	*Louisville, Ky.*	7 Library st.
James Wolcott Wadsworth, Jr.	*Geneseo, N. Y.*	12 V.
Western Wesley Wager	*Brooklyn, N. Y.*	135 Howe st.
Ernest Walker	*New York City*	294 Elm st.
George Young Wallace, Jr.	*Salt Lake City, Utah*	199 York st.
John Aloysius Walsh	*Stamford, Conn.*	1096 Chapel st.

John Wilson Walsh	*Chicago, Ill.*	339 WH.
Arthur Gustavus Ward	*Evans Mills, N. Y.*	39 Lake pl.
Charles McLean Warren	*Collinsville, Conn.*	51 Lake pl.
Pierce Noble Welch, Jr.	*New Haven, Conn.*	321 W.
John Welles	*Wethersfield, Conn.*	1044 Chapel st.
Frederick Manfred Werner	*New York City*	1044 Chapel st.
George Jerome Wesley	*Cleveland, O.*	157 York st.
Ezra Douglas Whitaker	*North Adams, Mass.*	111 York st.
Roger Sherman White, 2d	*Poughkeepsie, N. Y.*	69 Church st.
Paul Whitin	*Northbridge, Mass.*	260 L.
Payne Whitney	*New York City*	203 York st.
Edward Reed Whittemore	*New Haven, Conn.*	13 Elm st.
Ernest Wales Whittemore	*Rye, N. Y.*	409 B.
Forsyth Wickes	*New York City*	168 York st.
Herbert Budington Wilcox	*Summit, N. J.*	363 Elm st.
Horace Wilder Wilcox	*Painesville, O.*	363 Elm st.
Arthur Baldwin Williams, Jr.	*Scranton, Pa.*	128 High st.
Arthur Collins Williams	*Hartford, Conn.*	142 F.
Lewis Mason Williams	*Glenville, O.*	268 L.
Frederick Ely Williamson	*Cleveland, O.*	233 York st.
Harold Moffat Wilson	*Newburgh, N. Y.*	242 York st.
Oliver Tousey Wilson	*Evanston, Ill.*	127 College st.
Henry Rogers Winthrop, Jr.	*New York City*	10 V.
John Munro Woolsey	*Englewood, N. J.*	330 W.
Howard Brown Woolston	*Philadelphia, Pa.*	305 George st.
Henry Burt Wright	*New Haven, Conn.*	128 York st.
Stephen Emerson Young	*Brunswick, Me.*	340 WH.

SUMMARY

SENIORS	251
JUNIORS	277
SOPHOMORES	291
FRESHMEN	331
	1150

SHEFFIELD SCIENTIFIC SCHOOL

GRADUATE STUDENTS

Francis Mulliken Adams, PH.B. Yale University 1892 — *New Haven, Conn.* 146 Edwards st.

Arthur Chambers Alexander, PH.B. Yale University 1889 — *Honolulu, H. I.* 71 Dixwell av.

Bertram Borden Boltwood, PH.B. Yale University 1892 — *Castleton, N. Y.* 46 College st.

Henry Brewer, PH.B. Yale University 1894 — *New Haven, Conn.* A.

Charles Barto Brown, PH.B. Yale University 1894 — *New Haven, Conn.* 79 William st.

John Reynolds Brown, B.S. Augustana College 1891 — *New Britain, Conn.* Ansonia

Henry Andrews Bumstead, B.A. Johns Hopkins University 1891 — *New Haven, Conn.* 83 Grove st.

Otis Gridley Bunnell, PH.B. Yale University 1892 — *Burlington, Conn.* 96 York sq.

Loomis Burrell, PH.B. Yale University 1894 — *Little Falls, N. Y.* 421 Temple st.

Wesley Roswell Coe, PH.B. Yale University 1892 — *Middlefield, Conn.* 2 Hillhouse av.

Philip Dowell, B.A. Augustana College 1885 — *Galva, Ill.* 53 Winchester av.

Winthrop Edwards Dwight, B.A. Yale University 1893 — *New Haven, Conn.* 126 College st.

Edwin Horace Forbes, PH.B. Yale University 1874 — *Torrington, Conn.* 17 Lake pl.

William John Gies, B.S. Gettysburg College 1893, PH.B. Yale University 1894 — *Manheim, Pa.* 35 Lynwood st.

William Anthony Granville, PH.B. Yale University 1893 — *New Haven, Conn.* 96 Greene st.

Matthew Griswold, Jr., PH.B. Yale University 1888 — *Erie, Pa.* A.

Josiah Harmar, PH.B. Yale University 1892 — *Philadelphia, Pa.* A.

William Thomas Hildrup Howe, PH.B. Yale University 1893 — *Killingworth, Conn.* 53 Prospect st.

Alvah Morton Hunt, B.A. College of Charleston 1894 — *Somerville, Ga.* 1142 Chapel st.

Everett Bradley Hurlburt, PH.B. Yale University 1894 — *Roxbury, Conn.* 145 College st.

Charles Anthony Ingersoll, PH.B. Yale University 1893 — *New Haven, Conn.* 24 Elm st.

Jesse Breland Johnson, B.A. Yale University 1893	*Cookville, Tex.*	51 Garden st.
Edwin Hoyt Lockwood, M.E. Yale University 1892	*New Canaan, Conn.*	57 N. S. H.
Boynton Wells McFarland, C.E. Yale University 1891	*New Haven, Conn.*	420 Temple st.
Edwin Morrison, PH.B. Yale University 1888	*Cincinnati, O.*	A.
Henry Hotchkiss Murray, PH.B. Yale University 1893	*Viola, Del.*	54 Garden st.
Theophilus Nelson, PH.B. Yale University 1892	*New Haven, Conn.*	57 Lake pl.
Elliott William Peck, B.S. Worcester Polytechnic Inst. 1894	*Stratford, Conn.*	Stratford
Alois John Joseph Pfeiffer, PH.B. Yale University 1894	*Ansonia, Conn.*	Ansonia
Miles Albion Pond, PH.B. Yale University 1892	*Torrington, Conn.*	57 Grove st.
Joseph Hyde Pratt, PH.B. Yale University 1893	*Hartford, Conn.*	99 Howe st.
Frank Russell Rich, PH.B. Yale University 1890	*New Haven, Conn.*	55 Dwight pl.
Grace Angeline Smith, B.S. Smith College 1894	*Ansonia, Conn.*	Ansonia
Frederic Clarence Spencer, PH.B. Yale University 1893	*Old Saybrook, Conn.*	411 Temple st.
Alfred Hall Stevens, PH.B. Yale University 1893	*Clinton, Conn.*	A.
Isaac Biddle Thomas, PH.B. Yale University 1892	*West Chester, Pa.*	A.
Elisha Grant Trowbridge, PH.B. Yale University 1894	*New Haven, Conn.*	685 Orange st.
Willard Gibbs VanName, B.A. Yale University 1894	*New Haven, Conn.*	121 High st.
Percy Talbot Walden, PH.B. Yale University 1892	*Brooklyn, N. Y.*	338 Orange st.
William Morris Weller, B.A. Western Maryland College 1889, PH.B. Yale University 1894	*Cumberland, Md.*	94 W. D.
Lynde Phelps Wheeler, PH.B. Yale University 1894	*Bridgeport, Conn.*	156 Grove st.
William Arthur Whitcomb, PH.B. DePauw University 1894	*Clinton, Ind.*	68 W. D.
Clarence Cicero Wilson, B.A. Yale University 1892	*Avon, Conn.*	57 N. S. H.
Meyer Wolodarsky, PH.B. Yale University 1894	*New Haven, Conn.*	167 Kimberly av.

GRADUATE STUDENTS, 44

SENIOR CLASS

Carlton Nisbet Aborn	*Yonkers, N. Y.*	125 High st.
Thatcher Magoun Adams	*New York City*	43 College st.
Grosvenor Noyes Allen	*Kenwood, N. Y.*	59 Grove st.
Robert Anderson	*Cincinnati, O.*	86 Wall st.
Richard Armstrong	*Hampton, Va.*	131 Grove st.
Bayard Barnes	*New Haven, Conn.*	1442 Chapel st.
William Samuel Barnes	*New Haven, Conn.*	482 Howard av.
Albert Raymond Barton	*Jamestown, N. Y.*	36 Elm st.
Rensselaer Wardwell Bartram	*Newark, N. J.*	125 High st.
William Cooke Beers	*New Haven, Conn.*	583 Orange st.
John Eastman Belding	*Springfield, Mass.*	125 High st.
Paul Beck Belin	*Scranton, Pa.*	137 College st.
Henry vanderVeer Bergen	*Bay Ridge, N. Y.*	126 Wall st.
William Ross Black	*Erie, Pa.*	126 Wall st.
John Armine Bookwalter	*Springfield, O.*	125 High st.
Sydney Cecil Borg	*New York City*	1076 Chapel st.
Roscoe Egbert Bronson	*Ansonia, Conn.*	206 Crown st.
Frank William Brown	*New Haven, Conn.*	44 Elm st.
Edward Erle Brownell	*San Francisco, Cal.*	22 College st.
Edward Lawrence Brownell	*Sandusky, O.*	22 College st.
Robert Carmichael Burchard	*Uncasville, Conn.*	285 York st.
Ernest Hyde Cady	*Hartford, Conn.*	42 Elm st.
Alexander Cahn	*New Haven, Conn.*	18 Warren st.
William Goshorn Caldwell	*Wheeling, W. Va.*	132 Wall st.
Luther Milo Case	*Barkhamsted, Conn.*	482 Howard av.
Hendon Chubb	*East Orange, N. J.*	250 York st.
George Clinton Clarke	*Chicago, Ill.*	137 College st.
Harry Trumbull Clifton	*Washington, D. C.*	233 York st.
Henry P. Coburn	*Indianapolis, Ind.*	22 College st.
George Harvey Coe	*Hartford, Conn.*	134 College st.
Herbert Conyngham	*Wilkes-Barré, Pa.*	43 College st.
Clarence Edwin Coolidge	*E. Hartford, Conn.*	210 Prospect st.
Harvey Denison Cowee	*Troy, N. Y.*	36 Elm st.
Richard Teller Crane, Jr.	*Chicago, Ill.*	131 Grove st.
Carl Atwater Curtiss	*Woodbury, Conn.*	295 York st.
Frank Delano Cushing	*Bath, Me.*	295 York st.
James DeWolf Cutting	*New York City*	1076 Chapel st.
Alfred Warner Dater	*Brooklyn, N. Y.*	43 College st.
John Staige Davis	*San Antonio, Tex.*	131 Grove st.
Harry Vallett Day	*New York City*	42 Elm st.
Laurence Nelson DeGolyer	*Evanston, Ill.*	131 Grove st.

Frederick Wead Drury, Jr.	*St. Louis, Mo.*	42 Elm st.
William King Duckworth	*Cincinnati, O.*	86 Wall st.
Francis Ireneé duPont	*Wilmington, Del.*	127 College st.
Leonard Henry Eicholtz, Jr.	*Denver, Col.*	1044 Chapel st.
Horatio Nelson Emmons	*St. Louis, Mo.*	124 Wall st.
Auguste Berthold Ewing, Jr.	*St. Louis, Mo.*	131 Grove st.
Charles Henry Farnam, Jr.	*New York City*	131 Grove st.
John Arthur Farwell, Jr.	*Chicago, Ill.*	131 Grove st.
George Ingham Feeter	*Little Falls, N. Y.*	42 Elm st.
Edward Galligan Fennelly	*Birmingham, Conn.*	7 Library st.
Harry Alexander Fields	*New York City*	126 Wall st.
Richard Holden Follis, Jr.	*San Francisco, Cal.*	59 Wall st.
Harry Ward Foote	*New Haven, Conn.*	Suburban st.
George Snaphel Frank	*Brooklyn, N. Y.*	42 Elm st.
John Jay Fredericks	*Syracuse, N. Y.*	139 Elm st.
Henri Comstock Garneau, B.A. St. Louis University 1893	*St. Louis, Mo.*	59 Wall st.
Isaac Wheeler Geer	*Central Village, Conn.*	57 Prospect st.
Andrew James Gilmour	*Fulton, N. Y.*	36 Elm st.
John Edward Goetchius, Jr.	*New York City*	43 College st.
John Campbell Greenway	*Hot Springs, Ark.*	131 Grove st.
Theodore Wright Griggs	*Tacoma, Wash.*	131 Grove st.
Whitman Gunther	*Chicago, Ill.*	22 College st.
Allan Everett Hall	*Brookville, Pa.*	295 York st.
James Spencer Hall	*Ansonia, Conn.*	Ansonia.
James Willet Hall	*New York City*	103 Wall st.
Robert William Hall	*New Haven, Conn.*	88 Trumbull st.
Sherman Rogers Hall	*Buffalo, N. Y.*	43 College st.
Willis Mullings Hall	*Waterbury, Conn.*	135 College st.
Robert Austin Hamlin	*Chicago, Ill.*	131 Grove st.
Louis Fredrick Hart	*Cleveland, O.*	99 Wall st.
Leon Sturges Hawley	*Bridgeport, Conn.*	65 W. D.
William Orville Hickok	*Harrisburg, Pa.*	131 Grove st.
David Arthur Hill	*Chicago, Ill.*	126 Wall st.
Henry Steadman Hitchcock	*Woodbury, Conn.*	295 York st.
Harry Clifford Holcomb	*New Haven, Conn.*	200 Oak pl.
Louis Davis Hopkins	*Catskill, N. Y.*	238 Whalley av.
George Merriam Howard	*Montclair, N. J.*	88 Wall st.
Frederick Maxfield Hoyt	*Stamford, Conn.*	130 Wall st.
Augustus Zerega Huntington	*Plainfield, N. J.*	134 College st.
Samuel Michael Israeli	*Hartford, Conn.*	208 Grove st.
Irvine Sinclair Jackson	*Chicago, Ill.*	88 Wall st.
Joseph Frederic Jackson	*New Haven, Conn.*	15 Fillmore st.
Frederick Israel Jansen	*Fonda, N. Y.*	133 Wall st.

Walter Barry Jennings	*South Norwalk, Conn.*	285 York st.
Alexander Johnson	*Bridgeport, Conn.*	125 Dwight st.
Lee Arthur Johnson	*Cleveland, O.*	43 College st.
Rankin Johnson	*Chicago, Ill.*	86 W. D.
Frank Winthrop Jordan	*New York City*	88 Wall st.
Thomas Kernan	*Poquonock, Conn.*	67 Ashmun st.
James Dawson Layng, Jr.	*New York City*	88 Wall st.
Norman Leeds	*Stamford, Conn.*	130 Wall st.
Ernest Abraham Limburger	*New York City*	1040 Chapel st.
Carl Robins Lindenberg	*Columbus, O.*	132 Wall st.
William Walker Little	*New Haven, Conn.*	78 Pearl st.
James Alexander McCrea	*Pittsburgh, Pa.*	43 College st.
William McEnerney	*Derby, Conn.*	65 York sq.
Henry Pierre McQuaid	*New Haven, Conn.*	181 Orchard st.
Egbert Marsh	*Bridgeport, Conn.*	134 College st.
Frank Thompson Marsh	*Hartford, Conn.*	437 Orange st.
George Bragg Massey, Jr.	*Watertown, N. Y.*	86 W. D.
Charles Edward Meigs	*Waterbury, Conn.*	59 Grove st.
Henry Warner Merwin	*New Haven, Conn.*	28 College st.
Louis Rochat Metcalfe	*Stamford, Conn.*	389 Temple st.
Robert Reitzell Miller, B.S. Gettysburg College 1893	*Pine Grove, Pa.*	139 Elm st.
Walter Louis Mitchell	*New Haven, Conn.*	Edgewood
George Webber Mixter	*New Haven, Conn.*	144 Edwards st.
George Norris Morgan	*Pittsburgh, Pa.*	139 Elm st.
Charles Augustine Morrogh	*New York City*	131 High st.
Frederick Edwin Newton	*Buckingham, Conn.*	53 Trumbull st.
Robert Allen Niggeman	*St. Louis, Mo.*	120 High st.
John Richard North	*New Haven, Conn.*	120 College st.
Francis Henry Oldershaw	*New Britain, Conn.*	173 Oak st.
Charles Hotchkiss Osborn	*New Haven, Conn.*	96 Ellsworth av.
Paul Octavius Owsley	*Chicago, Ill.*	131 Grove st.
Walter Warner Palmer	*Utica, N. Y.*	59 Wall st.
Frank Judson Parker	*Branford, Conn.*	206 Crown st.
William Usher Parsons	*New York City*	130 Wall st.
Clarence Bardwell Peck	*Plainfield, N. J.*	132 Wall st.
John Smith Phelps	*Springfield, Mo.*	226 Crown st.
William Wallace Pike	*Chicago, Ill.*	159 Elm st.
Joseph Ridge Quinby, Jr.	*New York City*	88 Wall st.
Richard Foster Rand	*Meriden, Conn.*	124 W. D.
Daniel Leasure Raymond	*Minneapolis, Minn.*	22 College st.
Herbert Calhoun Reed	*Stamford, Conn.*	285 York st.
Louis Condict Richards	*Unionville, Conn.*	55 Prospect st.
Charles Leonard Frost Robinson	*New York City*	42 Elm st.

Henry Holdship Robinson	*Pittsburgh, Pa.*	86 Wall st.
Henry Hollister Robinson	*Hartford, Conn.*	134 College st.
Joseph Wickham Roe	*Brooklyn, N. Y.*	Dwight Hall
Stephen Bogert Roe	*Highland Falls, N. Y.*	126 Wall st.
Frederick Rustin	*Omaha, Nebr.*	43 College st.
Louis Saxon	*New Haven, Conn.*	37 Silver st.
Ernest George Schurig	*New Haven, Conn.*	105 Hamilton st.
George Harvey Seward	*West Haven, Conn.*	105 Wooster st.
George W. Shaw	*Toledo, O.*	88 Wall st.
Frederick Deming Sherman	*Brooklyn, N. Y.*	126 Wall st.
Lloyd Waddell Smith	*Parsippany, N. J.*	131 Grove st.
George Harry Southard, Jr.	*Brooklyn, N. Y.*	42 Elm st.
Charles Sing Stephenson	*Brooklyn, N. Y.*	86 Wall st.
Frank Bryan Stephenson	*Brooklyn, N. Y.*	131 Grove st.
Guy Ernest Stevens	*Scranton, Pa.*	127 College st.
Philip Tracy Stillman	*Elizabeth, N. J.*	43 College st.
James Terry	*Hartford, Conn.*	134 College st.
Reuel Harvey Thayer, Jr.	*Buffalo, N. Y.*	131 Grove st.
George Edwin Thompson, Jr.	*New Haven, Conn.*	94 York sq.
Francis Harrison Todd	*New Haven, Conn.*	62 Whalley av.
James Rockwell Torbert	*Dubuque, Iowa*	59 Wall st.
Theophilus Titus Vandergrift	*Jamestown, N. Y.*	36 Elm st.
Edgar Albert VanderVeer	*Albany, N. Y.*	133 Wall st.
George Washington VanSlyke	*Albany, N. Y.*	36 Elm st.
William Hoag VanSlyke	*Albany, N. Y.*	36 Elm st.
Frederick Herman Verhoeff	*Louisville, Ky.*	124 W. D.
Oscar Harry Vieths	*St. Louis, Mo.*	131 Grove st.
Harrison Grow Wagner	*New Haven, Conn.*	40 Pearl st.
Harry Selden Waite	*Columbus, O.*	125 High st.
Charles Clearman Walbridge	*Brooklyn, N. Y.*	126 Wall st.
Cleveland Elmer Watrous	*Chester, Conn.*	132 College st.
Halsey Albert Weaver	*Woodstock, Conn.*	186 Rosette st.
Harry Gideon Wells	*New Haven, Conn.*	62 Whalley av.
David Urquhart Wilcox	*New Haven, Conn.*	46 York sq.
William Hodges Wilcox	*Waterbury, Conn.*	135 College st.
George William Lane Woodruff	*New York City*	42 Elm st.

SENIORS, 163

JUNIOR CLASS

Alva Blanchard Adams	*Pueblo, Col.*	206 Crown st.
Ernest Kempton Adams	*New York City*	135 Wall st.
Stewart Cortlandt Alger	*New York City*	59 Wall st.
Wyatt Hamilton Allen	*San Francisco, Cal.*	131 Grove st.
Franklin Welles Allis	*Wallingford, Conn.*	Wallingford
George Armstrong	*Ponce, Porto Rico*	134 College st.
George Humphrey Armstrong	*Minneapolis, Minn.*	22 College st.
Percy Weir Arnold	*Fort Grant, Arizona*	104 Wall st.
John Shippen Atkins	*Pottsville, Pa.*	1044 Chapel st.
Milton Ballin	*New York City*	124 Wall st.
George Harry Barbour	*New Haven, Conn.*	24 College st.
William Woodward Barclay	*Philadelphia, Pa.*	294 Elm st.
John McGuffey Barnett	*Dayton, O.*	31 E. D.
Guy Erastus Beardsley	*Hartford, Conn.*	206 Crown st.
Edward Theodore Bell, Jr.	*Paterson, N. J.*	131 Grove st.
George Edwin Bergstrom	*Neenah, Wisc.*	395 Temple st.
Myron Irving Borg	*New York City*	22 College st.
Thomas Bowen	*Ansonia, Conn.*	Ansonia
Winthrop Brainerd	*Montreal, Canada*	117 Wall st.
Thomas Crossly Brett	*New Haven, Conn.*	36 Gilbert av.
Robert Arthur Bright	*New Haven, Conn.*	310 Elm st.
Daniel Edwards Brinsmade	*Shelton, Conn.*	217 York st.
Frank Faber Brooks	*Pittsburgh, Pa.*	131 Grove st.
Henry Vincent Brothers	*New Haven, Conn.*	61 Court st.
Arthur Flint Brown	*New York City*	127 College st.
Henry Robinson Buck	*Wethersfield, Conn.*	127 College st.
George Berry Bughman	*Pittsburgh, Pa.*	150 Grove st.
George Lincoln Bunnell	*Bridgeport, Conn.*	39 Lake pl.
David Hamlin Burrell, Jr.	*Little Falls, N. Y.*	421 Temple st.
Jonathan Prescott Burton, Jr.	*Massillon, O.*	117 Wall st.
Zenas Potter Candee	*Bethlehem, Conn.*	83 Park st.
Wallace Comstock Capen	*St. Louis, Mo.*	127 College st.
Elbert Howard Catlin	*Northfield, Conn.*	217 York st.
Malcom Green Chace	*Valley Falls, R. I.*	206 Grove st.
Charles Henry Booth Chapin	*Englewood, N. J.*	287 York st.
Charles Daniel Chapman	*San José, Cal.*	124 Wall st.
Frederick Storrs Chapman	*Hartford, Conn.*	62 W. D.
Richard Otis Cheney, Jr.	*S. Manchester, Conn.*	104 Wall st.
Edgar Eynon Chivers	*Buffalo, N. Y.*	206 Crown st.
George Harry Clark	*New Haven, Conn.*	125 Spring st.
Frank Benedict Cleland	*New York City*	103 Wall st.

Arthur DeWitt Cochrane	*New York City*	250 York st.
Tristram Roberts Coffin	*Long Branch, N. J.*	22 College st.
Clarence Lyman Collins, 2d	*New Haven, Conn.*	75 Mansfield st.
Archibald Francis Commiskey	*Brooklyn, N. Y.*	124 Wall st.
Wallace Reynolds Condict, Jr.	*Evanston, Ill.*	127 College st.
Wilbur Rogers Corbin	*New Britain, Conn.*	313 York st.
William Benton Cowin	*Omaha, Nebr.*	22 College st.
John List Crawford	*Terre Haute, Ind.*	125 High st.
James Crapo Cristy	*Detroit, Mich.*	310 Elm st.
Richard Turner Dana	*Lenox, Mass.*	226 York st.
Charles Webster Danforth	*New Haven, Conn.*	63 Clark st.
Franck George Darte	*Kingston, Pa.*	22 College st.
Morgan Davis	*Staten Island, N. Y.*	101 Wall st.
William Block Dean, Jr.	*St.Louis, Mo.*	37 College st.
Lee DeForest	*Talladega, Ala.*	407 Temple st.
Lucius Fox Deming	*Amboy, Ill.*	368 Quinnipiac st.
Norman Edward Ditman	*Englewood, N. J.*	114 High st.
Hubert Cowles Downs	*Chicago, Ill.*	332 Temple st.
James Thomas Drummond, Jr.	*St.Louis, Mo.*	131 Grove st.
Clarence Smith Dunbar	*Torrington, Conn.*	318 Elm st.
Hubert Ward Eccleston	*Griswold, Conn.*	19 Wall st.
Earl Samuel Edgerton	*Ansonia, Conn.*	Ansonia
Augustus Hartje Eggers	*Allegheny, Pa.*	124 Wall st.
Bennett William Farnham	*Westville, Conn.*	Westville
Edward Hubbard Farren	*Fair Haven, Conn.*	Fair Haven
David Cotton Fenner	*Chicago, Ill.*	127 College st.
Clifford Bernard Fiero	*Albany, N. Y.*	145 College st.
Nathan Munroe Flower	*New York City*	43 College st.
Joseph Louis Forepaugh	*St.Paul, Minn.*	43 College st.
William Frederick Forepaugh	*St.Paul, Minn.*	107 Wall st.
Harry Noble Foster	*New Haven, Conn.*	220 Orange st.
George Wilbur Fishe Gillette	*New Haven, Conn.*	9 Eld st.
Henry Styer Grove, Jr.	*Germantown, Pa.*	120 High st.
George Lindsey Hailman	*Pittsburgh, Pa.*	150 Grove st.
Robert Whitney Hanington	*Denver, Col.*	332 Temple st.
Howell Ross Hanson	*Philadelphia, Pa.*	135 College st.
William Hobart Hare, Jr.	*New York City*	43 College st.
Walter Henry Hart	*New Britain, Conn.*	88 Wall st.
John Francis Havemeyer	*Yonkers, N. Y.*	42 Elm st.
George Waller Hawley	*Bridgeport, Conn.*	250 York st.
William Patrick Healy	*Bridgeport, Conn.*	204 Grove st.
John Jones Hewitt	*Tacoma, Wash.*	206 Crown st.
George Henry Hickox	*S. Britain, Conn.*	198 Edgewood av.
Otto Gustave William Hintz, Jr.	*New Haven, Conn.*	1176 Chapel st.

Fred A. Holcomb	*New Haven, Conn.*	528 Chapel st.
Henry Hooker	*New Britain, Conn.*	New Britain
Lemuel Robert Hopton	*New Haven, Conn.*	13 Lake pl.
Frank Edgar Howard	*Hartford, Conn.*	116 W. D.
Augustus Stout Hunt	*Hopewell, N. J.*	332 York st.
Jonathan Ingersoll	*New Haven, Conn.*	24 Elm st.
Holmes Condict Jackson	*Newark, N. J.*	78 Lake pl.
Ward Sawtelle Jacobs	*Hartford, Conn.*	84 Wall st.
Alexander Nicoll Jerrems	*Chicago, Ill.*	88 Wall st.
Edwards Johnson	*New York City*	117 Wall st.
George Thomes Johnson	*New Haven, Conn.*	84 Greene st.
Martin Kennedy, Jr.	*Johnstown, N. Y.*	125 High st.
Norman Clarke King	*Cleveland, O.*	117 Wall st.
William King	*Chicago, Ill.*	332 Temple st.
George Oliver Kingsbury, Jr.	*Springfield, Mass.*	117 Wall st.
Richard Shelton Kirby	*Port Chester, N. Y.*	317 Crown st.
Ernest Leroy Lane	*Meriden, Conn.*	59 Grove st.
George Arthur Lanphear	*Peace Dale, R. I.*	17 Lake pl.
Charles Edward Lea	*Cincinnati, O.*	206 Crown st.
Harold Lee	*East Orange, N. J.*	113 Wall st.
Charles Warren Leland	*Chicago, Ill.*	42 Elm st.
Willard Parker Lindley	*New York City*	285 York st.
William Marshall Lund	*Bridgeport, Conn.*	65 W. D.
William Clardy Lusk	*Nashville, Tenn.*	71 W. D.
Clarence Alexander Mabie	*Tidioute, Pa.*	101 W. D.
Charles Francis McCarthy	*New Haven, Conn.*	116 Davenport av.
John Henry McCullagh	*New York City*	22 College st.
Charles Edward McElroy	*Albany, N. Y.*	131 High st.
Harry Livingston McGee	*Plainfield, N. J.*	146 College st.
Francis Davenport McMillan	*Detroit, Mich.*	131 High st.
Benjamin Franklin Mansfield	*New Haven, Conn.*	12 Academy st.
George Albert Marcellus	*Oneida, N. Y.*	125 High st.
Jemuel Gates Marty	*Kansas City, Mo.*	31 Trumbull st.
Earle Rumsey Marvin	*Pittsburgh, Pa.*	206 Crown st.
William Linton Mather	*New Haven, Conn.*	247 St. Ronan st.
Howard Farr Metcalf	*Holyoke, Mass.*	59 Wall st.
Charles Sterling Millard, Jr.	*Indianapolis, Ind.*	71 W. D.
Clark Aubert Miller	*New Rochelle, N. Y.*	117 Wall st.
Franklin Hoyt Miller	*Stamford, Conn.*	206 Crown st.
Harvy Miller	*Pittsburgh, Pa.*	152 Grove st.
Otto Hensch Miller	*Cleveland, O.*	117 Wall st.
Edward Eastman Minor	*New Haven, Conn.*	123 Columbus av.
Robert Mitchell, Jr.	*Cincinnati, O.*	117 Wall st.
David Thomas Moore	*Brooklyn, N. Y.*	131 Grove st.

Arthur Putnam Morrill	*Concord, N. H.*	117 Wall st.
Walter Murray	*Norwich, Conn.*	58 Dixwell av.
Grosvenor Teackle Nicholas	*New York City*	131 Grove st.
Leslie Gross Parker	*Chicago, Ill.*	332 Temple st.
Arthur Williams Pearce	*Denver, Col.*	109 Wall st.
Charles Erasmus Peck	*Hartford, Conn.*	59 Grove st.
Frederick Peiter	*Bridgeport, Conn.*	Bridgeport
Walter Grant Penfield	*East Berlin, Conn.*	41 Beers st.
Robert Hartley Perdue	*Cleveland, O.*	36 Elm st.
Robert Jackman Perew	*Buffalo, N. Y.*	126 Wall st.
Clinton Mortimer Pettis	*New Haven, Conn.*	37 High st.
Marion Beardsley Phelps	*Stamford, Conn.*	117 Wall st.
John Shaffer Phipps	*Pittsburgh, Pa.*	34 Hillhouse av.
John Metcalfe Polk	*New York City*	107 Wall st.
Ashley Pond, Jr.	*Detroit, Mich.*	59 Wall st.
William Henry Pouch	*Brooklyn, N. Y.*	332 Temple st.
George Palmer Putnam, Jr.	*Elizabeth, N. J.*	116 W. D.
Samuel Lees Quinby	*New York City*	90 Wall st.
Charles Theodore Ramsden	*Santiago de Cuba, Cuba*	125 High st.
Frederick Archer Raymond	*Norwalk, Conn.*	196 Grove st.
George Reed	*Pittsburgh, Pa.*	206 Crown st.
Ralph Duryea Reed	*S. Weymouth, Mass.*	90 Wall st.
Thomas Rodman	*New Haven, Conn.*	165 York st.
Ely Morgan Talcott Ryder	*Danbury, Conn.*	66 W. D.
John Law Sands	*Cambridge, Mass.*	117 Wall st.
Homer Earle Sargent, Jr.	*Chicago, Ill.*	120 High st.
Robert Loring Sheppard	*Evanston, Ill.*	59 Wall st.
Eugene Hammond Sherman	*Utica, N. Y.*	125 High st.
Thomas George Sloan	*New Haven, Conn.*	38 High st.
Frank Benjamin Smith	*Baltimore, Md.*	407 Temple st.
Theodore Edward Smith	*Milford, Conn.*	53 Prospect st.
Ernest William Sniffen	*Sandy Hook, Conn.*	76 Howe st.
Joseph Speidel, Jr.	*Wheeling, W. Va.*	132 Wall st.
William Alexander Stark	*Ansonia, Conn.*	Ansonia
Lazarus Denison Stearns	*Wilkes-Barré, Pa.*	130 Wall st.
Clifford Ives Stoddard	*Milford, Conn.*	792 Chapel st.
James Boorman Strong	*New York City*	314 York st.
Clarence Baker Sturges	*Scranton, Pa.*	22 College st.
Howard Haines Sutherland	*Clinton, Conn.*	66 W. D.
Frederick Mills Terrill	*New Hartford, Conn.*	37 College st.
Josiah Copley Thaw	*Pittsburgh, Pa.*	90 Wall st.
Willis Miller Thayer	*Enfield, Conn.*	37 Lynwood st.
Augustus Porter Thompson	*Honesdale, Pa.*	107 Wall st.
Percival Thompson	*Chicago, Ill.*	407 Temple st.

Frederick Chaffee Thrall	*Detroit, Mich.*	114 High st.
Joseph Henry Tracy	*Waterbury, Conn.*	55 Prospect st.
Robert Frederic Troescher	*New York City*	130 Wall st.
Cecil Huntington Trowbridge	*Milford, Conn.*	130 Wall st.
Thomas Horler Truslow	*Summit, N. J.*	1040 Chapel st.
Harry Edward Tuttle	*West Haven, Conn.*	53 Prospect st.
Eugene Bertrand Underwood	*New Haven, Conn.*	253 Columbus av.
Louis Edward Underwood	*Auburndale, Mass.*	59 Grove st.
Ernest Stiles Vinten	*New Haven, Conn.*	89 Pearl st.
Julius deMun Walsh	*Washington, D. C.*	145 College st.
Charles Bennett Warner	*West Haven, Conn.*	333 York st.
Charles Hyde Warren	*Watertown, Conn.*	527 Orange st.
John Mills Warren	*Bridgeport, Conn.*	114 High st.
Myron Perry Warren	*New York City*	90 Wall st.
Harold Curtis Webster	*Cleveland, O.*	101 W. D.
James Hart Welch, Jr.	*Forestville, Conn.*	36 Elm st.
Thomas Henry West, Jr.	*St. Louis, Mo.*	131 Grove st.
Allan Hart Whiting	*New York City*	425 Temple st.
Lawrence Whitney	*New Haven, Conn.*	109 Wall st.
Albert Reed Williams	*Lake Geneva, Wisc.*	131 Grove st.
Roger Stout Woodhull	*Dayton, O.*	130 Wall st.
John Harkness Wray, Jr.	*New York City*	59 Wall st.
Paul Darling Wright	*Westfield, N. Y.*	36 Elm st.
Ralph Glenn Wright	*Westfield, N. Y.*	36 Elm st.
Ross Pier Wright	*Westfield, N. Y.*	32 Trumbull st.
Augustus Oothout Zabriskie	*New York City*	99 Wall st.

JUNIORS, 199

FRESHMAN CLASS

Hubert Hillory S. Aimes	*Woodmont, Conn.*	552 Chapel st.
Edward Fiske Ashley	*Waterbury, Conn.*	38 Lynwood st.
Robert Alden Baggaley	*Pittsburgh, Pa.*	1040 Chapel st.
Amos Foote Barnes	*New Haven, Conn.*	452 Orange st.
Harry Foster Barnes	*New Haven, Conn.*	1187 Chapel st.
Nelson Ludington Barnes	*Chicago, Ill.*	103 Wall st.
Danford Newton Sturgis Barney	*Litchfield, Conn.*	419 Temple st.
Richard Nicholls Barnum	*Lime Rock, Conn.*	150 College st.
George Eames Barstow, Jr.	*Providence, R. I.*	311 York st.
Charles Howard Bartlett	*Bethlehem, N. H.*	196 York st.
Edward Chester Beard	*South Killingly, Conn.*	119 W. D.
James Means Beatty	*Sewickley, Pa.*	154 Grove st.
Clifford Whittingham Beers	*New Haven, Conn.*	583 Orange st.
Joseph Congdon Belden	*Chicago, Ill.*	425 Temple st.
Charles Russell Bement	*Terre Haute, Ind.*	393 Temple st.
Charles Brewster Benedict, Jr.	*Attica, N. Y.*	107 York st.
Winchester Bennett	*New Haven, Conn.*	258 Church st.
Charles Henry Berry, Jr.	*West Haven, Conn.*	West Haven
John Walter Best	*Denver, Col.*	311 York st.
Anson Gardner Betts	*Lansingburgh, N. Y.*	231 York st.
James Lorenzo Bever, Jr.	*Cedar Rapids, Iowa*	427 Temple st.
Philip Worcester Bill	*Bridgeport, Conn.*	22 College st.
Charles Albert Bishop	*New Haven, Conn.*	131 Bradley st.
Clinton Talcott Bissell	*S. Manchester, Conn.*	225 Crown st.
Edwin Carleton Blackman	*New York City*	131 Bradley st.
Robert Allen Boardman	*Hartford, Conn.*	347 Orange st.
Harry Graham Bockius	*Canton, O.*	77 Wall st.
Joseph Fearnley Bonnell	*Youngstown, O.*	413 Temple st.
Walter Bennett Borg	*New York City*	22 College st.
James Lawrence Botsford, Jr.	*Youngstown, O.*	413 Temple st.
Newell Charles Bradley	*New Haven, Conn.*	102 Wall st.
Hamilton McDevit Branch, Jr.	*Savannah, Ga.*	231 York st.
Edward Arthur Bredt	*Orange, N. J.*	391 Temple st.
Arthur Brewer	*New Haven, Conn.*	418 Orange st.
Edward Harris Brewer	*Springfield, Mass.*	58 Grove st.
Curtis Palmer Brown	*Comstock's Bridge, Conn.*	19 Wall st.
Ernest William Brown	*West Haven, Conn.*	West Haven
George Lockwood Brown	*Stamford, Conn.*	389 Temple st.
James Harper Bryson	*St. Louis, Mo.*	389 Temple st.
Clifford Hale Buckingham	*Pittsfield, Mass.*	103 Wall st.

William Edward Bush	*West Haven, Conn.*	West Haven
Joel Ives Butler	*New Haven, Conn.*	557 Howard av.
Walter Scott Cameron	*New York City*	133 Wall st.
Edward Wallace Carlton	*Elizabeth, N. J.*	141 College st.
Lemuel Ray Carter	*St. Louis, Mo.*	397 Temple st.
Sal Branch Cerf	*Atlanta, Ga.*	51 Lake pl.
Albert Roberts Chamberlain	*Meriden, Conn.*	57 Prospect st.
Burr Clark Chamberlin	*Dalton, Mass.*	27 High st.
John Denison Champlin, Jr.	*New York City*	61 Grove st.
George Sheldon Chauncey	*Brooklyn, N. Y.*	250 York st.
Clarence Mitchel Chester	*Washington, D. C.*	226 York st.
Alexander Bierce Clark	*Canton, O.*	77 Wall st.
James Edward Clark	*New Haven, Conn.*	14 Jefferson st.
Mancel Talcot Clark	*Chicago, Ill.*	393 Temple st.
George Ulmer Clausen	*New York City*	22 College st.
Augustus Coit	*Norwich, Conn.*	61 W. D.
Craig Colgate	*New York City*	242 York st.
Clarence Hyde Cooke	*Honolulu, H. I.*	55 W. D.
Arthur Corlies	*Brooklyn, N. Y.*	250 York st.
Percy Boxley Cox	*Kansas City, Mo.*	393 Temple st.
Wiley O. Dillon Cox, Jr.	*Kansas City, Mo.*	393 Temple st.
George Eversleigh Cram	*Norwalk, Conn.*	263 Orange st.
Otis Gilbert Crane	*Bethlehem, Conn.*	679 Chapel st.
Edward Watts Davies	*Dayton, O.*	147 College st.
John Howard Davies	*Dayton, O.*	147 College st.
Thomas Bealle Davis, Jr.	*Davis, West Va.*	226 York st.
Samuel Sherwood Day	*New Haven, Conn.*	108 High st.
Robert Seely DeGolyer	*Evanston, Ill.*	127 College st.
Dudley Brainard Deming	*Litchfield, Conn.*	297 York st.
Duncan Douglas	*Albany, N. Y.*	310 Elm st.
Kenneth Root Douglas	*Albany, N. Y.*	310 Elm st.
John Irving Downey	*New York City*	137 College st.
Joseph Percy Drake	*New York City*	46 Elm st.
Alexander Charles Drew	*Davenport, Iowa*	99 Howe st.
George Peebles Earling	*Chicago, Ill.*	159 York st.
Ernest Albert Edwards	*Brooklyn, N. Y.*	37 College st.
Gaston Holcomb Edwards	*Granby, Conn.*	29 Beers st.
Julius Wooster Eggleston	*New London, Conn.*	A.
Franklin Jonathan Ely	*Chicago, Ill.*	421 Temple st.
Clifford Raphael Farnsworth	*Whitneyville, Conn.*	55 Trumbull st.
Silas Stewart Feeter	*Little Falls, N. Y.*	397 Temple st.
Newell Simmons Ferry	*New Haven, Conn.*	266 Edgewood av.
George Hamilton Flinn	*Pittsburgh, Pa.*	391 Temple st.
Wallace Harrison Foote	*Branford, Conn.*	629 Chapel st.

John D. Perry Francis	*St. Louis, Mo.*	395 Temple st.
George Henry Freeman	*Woodbury, Conn.*	407 Temple st.
Alvis Shattuck French	*Buffalo, N. Y.*	395 Temple st.
Winsor Pitcher French	*Saratoga Springs, N. Y.*	99 Wall st.
Rollin Judson Furbeck	*Oak Park, Ill.*	332 Temple st.
Cornelius Joseph Gaffney	*West Haven, Conn.*	West Haven
Christopher Milton Gallup	*Norwich, Conn.*	373 Crown st.
Frederick William Geissenhainer	*Freehold, N. J.*	405 Temple st.
Julian Munro Gerard	*New York City*	203 York st.
Thomas Howard Gillespie	*Pittsburgh, Pa.*	397 Temple st.
Marcus Goodbody	*Haledon, N. J.*	159 York st.
William Heazlit Gould	*Aurora, N. Y.*	150 College st.
Robert Jeffrey Grant	*Syracuse, N. Y.*	413 Temple st.
William Leon Graves	*Tarrytown, N. Y.*	250 York st.
Harry Le Breton Gray	*Springfield, Mass.*	17 Home pl.
Gilbert Christian Greenway, Jr.	*Hot Springs, Ark.*	99 Wall st.
John Louis Gregory	*Cannon, Conn.*	24 Home pl.
William Francis Roelofson Griffith	*Morristown, N. J.*	116 College st.
William Jackson Grippin	*Bridgeport, Conn.*	118 College st.
George Griswold	*Old Lyme, Conn.*	22 College st.
Charles Henry Hall	*Brooklyn, N. Y.*	36 Lyon st.
John Arthur Hall	*New Haven, Conn.*	212 Wooster st.
John Baptiste Hall, Jr.	*New Orleans, La.*	52 E. D.
Laurence Brewster Hamlin	*Elgin, Ill.*	393 Temple st.
Augustus Heaton, Jr.	*Washington, D. C.*	419 Temple st.
Ross Anderson Hickok	*Bedford, Pa.*	61 Grove st.
James Ladd Hitchcock	*Buffalo, N. Y.*	60 Grove st.
Reuben Hitchcock	*Cleveland, O.*	114 High st.
Nathaniel White Hobbs	*Concord, N. H.*	117 Wall st.
Edson Allen Hoffman	*Frankfort, Ky.*	143 College st.
Edward Townsend Howes	*Stamford, Conn.*	150 College st.
Samuel Eugene Hoyt	*New Haven, Conn.*	309 Howard av.
George Huntington Hulbert, Jr.	*Middletown, Conn.*	1136 Chapel st.
Howard Starr Humphrey	*New Britain, Conn.*	405 Temple st.
Allen Sturdevant Hurlburt	*Roxbury, Conn.*	145 College st.
Frederic Samuel Hurlburt	*New Haven, Conn.*	118 Howe st.
Howard Maxwell Ingham	*Philadelphia, Pa.*	419 Temple st.
Hugh Martin Inman	*New York City*	43 College st.
Augustus Floyd Ireland	*New York City*	199 York st.
Joseph Richard Jackson	*Brownsville, Pa.*	43 College st.
Robert Crawford Jeffcott	*New Haven, Conn.*	39 Lynwood st.
Raymond Smith Jewett	*Bridgeport, Conn.*	Bridgeport
Treat Baldwin Johnson	*Bethany, Conn.*	Ansonia
John Holmes Johnston	*New York City*	1161 Chapel st.

Edgcomb Lee Jones	*Chicago, Ill.*	393 Temple st.
Rutherford Ballou Keeler	*Norwalk, Conn.*	250 York st.
Addison Wylie Kelley	*New York City*	56 W. D.
William Kelly	*West Superior, Wisc.*	61 W. D.
Robert Stewart Kilborne	*Orange, N. J.*	391 Temple st.
Rufus Howard King, Jr.	*Albany, N. Y.*	132 Wall st.
William Ruloff Kip	*Rhinebeck, N. Y.*	250 York st.
William Edward Julius Kirk	*New Canaan, Conn.*	200 Grove st.
Jacob Adolph Konig	*New Haven, Conn.*	978 Chapel st.
Barclay Ward Kountze	*New York City*	113 Wall st.
Guy Collville Lane	*Hillsboro, Ill.*	219 York st.
Hubert Asahel Lane	*Catskill, N. Y.*	99 Howe st.
George Langford	*St. Paul, Minn.*	413 Temple st.
Robert Carr Lanphier	*Springfield, Ill.*	13 Lake pl.
Thomas McKeirnan Laughlin	*Pittsburgh, Pa.*	61 Grove st.
Richard Martin Lester	*Savannah, Ga.*	389 Temple st.
Harold Willis Letton	*Chicago, Ill.*	413 Temple st.
Louis Lasher Lorillard, Jr.	*Newport, R. I.*	132 Wall st.
Laurent Lowenberg	*Cincinnati, O.*	252 York st.
Benjamin Bronson Lum	*New Haven, Conn.*	19 Compton st.
David Burnett McCalmont	*Franklin, Pa.*	263 Orange st.
Harry Darlington McCandless	*Allegheny, Pa.*	90 Wall st.
Archibald Montgomery McCrea	*Pittsburgh, Pa.*	150 Grove st.
John Scott McFarland	*Buffalo, N. Y.*	395 Temple st.
Richard Mather	*New Haven, Conn.*	247 St. Ronan st.
William Henry Mathews, Jr.	*Ansonia, Conn.*	Ansonia
Henry Meinken, Jr.	*New York City*	46 Elm st.
Nelson Samuel Mercer	*Omaha, Nebr.*	150 College st.
Robert Clifford Merwin	*New Britain, Conn.*	405 Temple st.
Alexander Middleton	*Spuyten Duyvil, N. Y.*	61 Grove st.
Franklin Hobart Miles	*Ansonia, Conn.*	1161 Chapel st.
Claude Harris Miller	*Newark, N. J.*	242 York st.
John Jacob Miller	*Canton, O.*	409 Temple st.
Gerrish Hill Milliken	*New York City*	264 York st.
Paul Deuckla Mills	*West Point, N. Y.*	199 York st.
Charles Hooker Mitchell	*New York City*	57 Prospect st.
Jerome Boniface Monks	*New York City*	58 Lyon st.
George Pillsbury Morrill	*Springfield, Mass.*	166 York st.
Armand Vanuxem Morris	*Bristol, Pa.*	1193 Chapel st.
Edward Bontecou Morris	*Hartford, Conn.*	159 Elm st.
Charles Henry Morrison	*La Porte, Ind.*	35 College st.
Robert Morrison	*Cincinnati, O.*	37 College st.
Frederick Joseph Mulvey	*New Haven, Conn.*	523 East st.
Paul Babcock Munson	*Albany, N. Y.*	1204 Chapel st.

Lang Murray	*Goshen, N. Y.*	395 Temple st.
Richard Irving Neithercut	*Bridgeport, Conn.*	22 College st.
William Browning Nisbet	*Yonkers, N. Y.*	147 College st.
Henry Prime Noble	*Bay Ridge, N. Y.*	2 Audubon st.
Francis Stanley North	*Chicago, Ill.*	411 Temple st.
Hugh MacAlister North, Jr.	*Columbia, Pa.*	159 Elm st.
James Stanley North	*New Britain, Conn.*	411 Temple st.
Ernest High Noyes	*Chicago, Ill.*	393 Temple st.
David Brown Oliver, Jr.	*Allegheny, Pa.*	397 Temple st.
Thomas Gould Otis, Jr.	*Chicago, Ill.*	135 College st.
Elijah Hunter Owen	*Buckland, Conn.*	159 Elm st.
Frank Gardiner Palmer	*Middle Haddam, Conn.*	419 Temple st.
Harrie Waterman Peck	*New Britain, Conn.*	99 Howe st.
Wilson Peck	*New Haven, Conn.*	235 Bishop st.
Thomas Wharton Phillips, Jr.	*New Castle, Pa.*	395 Temple st.
Henry Sparks Pickands	*Cleveland, O.*	391 Temple st.
William Kinney Pike	*S. Killingly, Conn.*	57 Prospect st.
John Henry Porter	*Denver, Col.*	413 Temple st.
Harold Henry Pratt	*Westport, Conn.*	289 York st.
Duncan Catlyn Preston	*Irvington-on-Hudson, N. Y.*	83 Grove st.
Charles Oscar Purinton	*St. Paul, Minn.*	14 Whalley av.
Henry Brewerton Quinan	*San Francisco, Cal.*	83 Grove st.
Allen Edward Ransom	*Lancaster, N. Y.*	60 Grove st.
Gaius Barrett Rich, Jr.	*Buffalo, N. Y.*	22 College st.
Hopewell Lindenberger Rogers	*Chicago, Ill.*	103 Wall st.
John Bailey Rose	*Newburgh, N. Y.*	135 College st.
Hubert Washington Ross	*New Haven, Conn.*	80 Webster st.
James Clayton Russell	*Chicago, Ill.*	62 Lake pl.
Edward Augustus Ryals	*New Haven, Conn.*	86 Humphrey st.
Thaddeus Barnes Ryman	*Wilkes-Barré, Pa.*	156 Grove st.
John Martin Satterfield	*Buffalo, N. Y.*	389 Temple st.
Franklin Evans Saunders	*Brooklyn, N. Y.*	242 York st.
Roland Victor Sawyer	*Waterbury, Conn.*	54 Grove st.
Daniel Dow Schenck	*Toledo, O.*	411 Temple st.
Frederick A. Muhlenberg Schieffelin	*New York City*	103 Wall st.
Carl Rudolph Schultz	*Murray Hill, N.J.*	409 Temple st.
William Dowd Scranton	*New Haven, Conn.*	132 Howe st.
Philip Rasselas Sears	*Kenilworth, Ill.*	219 York st.
Allen Hartley Seed	*Brooklyn, N. Y.*	311 York st.
Ernest Edward Selleck	*Norwalk, Conn.*	261 Orange st.
Horace Emerson Setchell	*New Haven, Conn.*	212 English st.
Horace Reynolds Shares	*New Haven, Conn.*	29 Eld st.
John Elliot Shaw	*Minneapolis, Minn.*	425 Temple st.
William Kent Shepard	*New Haven, Conn.*	78 Dickerman st.

Dunham Baldwin Sherer	*Brooklyn, N. Y.*	242 York st.
Frank Colton Shipman	*Wallingford, Conn.*	90 Park st.
Francis William Simmons	*Toledo, O.*	137 College st.
Oswald Lindsay Simpson	*New York City*	1142 Chapel st.
Arthur Brayton Slade	*Chicago, Ill.*	114 High st.
Mason Foote Smith	*Branford, Conn.*	Branford
Harry Bronson Snell	*New Haven, Conn.*	105 Wooster st.
Clarence Gilman Spalding	*New Haven, Conn.*	9 High st.
Seth Sylvester Spencer, Jr.	*Buffalo, N. Y.*	22 College st.
Francis Kirby Stevens	*Lawrence, N. Y.*	242 York st.
Howard Linsley Stevenson	*Meriden, Conn.*	57 Prospect st.
Clarence Hoyt Stilson, Jr.	*New Haven, Conn.*	269 Canner st.
Arthur Rodman Townsend	*Southampton, N. Y.*	145 College st.
George Robinson Tracy	*New London, Conn.*	445 George st.
Frank James Tuttle	*Naugatuck, Conn.*	28 York st.
Horace Burt Tuttle	*Cleveland, O.*	55 Prospect st.
Edmund Francis Tweedy	*Danbury, Conn.*	409 Temple st.
William Valentine	*New York City*	14 Whalley av.
Robert Seymour Van Buren	*Norwalk, Conn.*	250 York st.
Leonard Hall VanEvery	*Brooklyn, N. Y.*	7 Library st.
Charles Thorne VanWinkle	*Ridgefield, Conn.*	55 Prospect st.
Clarence Sidney Verrill	*New Haven, Conn.*	86 Whalley av.
Louis Eugene Voorheis	*Cincinnati, O.*	141 College st.
Noah Samuel Wadhams	*New Haven, Conn.*	22 Prince st.
Clinton Geib Wallis	*East Orange, N. J.*	128 Wall st.
Henry Purdy Weaver	*Mansfield, O.*	409 Temple st.
Henry Selden Weller	*Hempstead, N. Y.*	145 College st.
Edward Marshall West	*Port Chester, N. Y.*	263 Orange st.
Levi Wilcox	*Waterbury, Conn.*	297 York st.
George Paul Wisdom	*Chicago, Ill.*	299 York st.
William Boas Wood	*Pittsburgh, Pa.*	109 Wall st.
Charles Addams Worrall	*New York City*	250 York st.
Walter William Wright	*San Francisco, Cal.*	83 Grove st.
Charles Lewis Young, Jr.	*Springfield, Mass.*	166 York st.

FRESHMEN, 250

SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

Daniel Kennedy Bailey	*Cleveland, Ohio.*	59 Wall st.
Harry Martin Bennett	*Petersham, Mass.*	82 Wall st.
Charles Lyman Brinsmade	*Brooklyn, N. Y.*	43 College st.
Isaac Stanton Carter	*Savannah, Ga.*	63 Crown st.
William Wilton Ford	*Philadelphia, Pa.*	99 Wall st.
Adolph Glasier Hüpfel, Jr.	*New York City*	62 Lake pl.

SPECIAL STUDENTS, 6

SUMMARY

GRADUATES	44
SENIORS	163
JUNIORS	199
FRESHMEN	250
SPECIAL STUDENTS	6
	662

SCHOOL OF THE FINE ARTS

Jean Gill Ahern	*New Haven, Conn.*	84 Wall st.
Mary Adelaide Bacon	*Newtown, Conn.*	Newtown
William Bacon Bailey, B.A. Yale University 1894	*Springfield, Mass.*	22 Lynwood st.
Robert Henry Bonner	*New Haven, Conn.*	37 Eaton st.
Charles Lyman Brinsmade	*Brooklyn, N. Y.*	43 College st.
Grace Bronson	*New Haven, Conn.*	571 Elm st.
Jean May Burr	*Monroe, Conn.*	Monroe
Geraldine Woolsey Carmalt	*New Haven, Conn.*	87 Elm st.
Gertrude May Craig	*New Haven, Conn.*	16 Gill st.
Raymond Moreau Crosby	*Grand Rapids, Mich.*	330 W.
Gertrude Lord DeVine	*New Haven, Conn.*	555 Howard av.
Amelia Elizabeth Eckhardt	*Hartford, Conn.*	299 York st.
Mary White Evans	*New Haven, Conn.*	32 Trumbull st.
Helen Whiting Fitch	*Westville, Conn.*	Westville
Mary Foote	*Guilford, Conn.*	12 Mansfield st.
May Williams Fowler	*New Haven, Conn.*	101 Humphrey st.
Laura Hagaman Gates	*Derby, Conn.*	Derby
Michael Gavin	*Memphis, Tenn.*	285 W.
William Augustus Hart	*New Haven, Conn.*	19 Warren st.
Harriet Anna Hitchcock	*Long Meadow, Mass.*	Long Meadow
Helen Caroline Hubbell	*Newtown, Conn.*	Newtown
Mildred Jordan	*New Haven, Conn.*	1292 Chapel st.
Florence May Lake	*New Haven, Conn.*	137 College st.
Edith Louise Leland	*Middlefield, Conn.*	Middlefield
Dwight Milton Lewis	*New Haven, Conn.*	438 George st.
George Bliss McCallum	*Northampton, Mass.*	337 WH.
Mabel McIntosh	*New Haven, Conn.*	321 Water st.
Louis Rochat Metcalfe	*Stamford, Conn.*	131 Grove st.
Amelia Wooster Narramore	*Ansonia, Conn.*	Ansonia
Nellie Crockett Osborne	*New Haven, Conn.*	26 Gill st.
Edith Vail Parker	*Clinton, Conn.*	Clinton
James Seymour Pettit	*New Haven, Conn.*	430 Temple st.
May Tomlinson Potter	*New Haven, Conn.*	23 Brown st.
Edith Fisher Schwab	*New Haven, Conn.*	30 Trumbull st.
Alice Jessie Sperry	*Derby, Conn.*	Derby
Florence Truman	*New Haven, Conn.*	319 Crown st.

Jessie VanBrunt "	*Brooklyn, N. Y.*	Brooklyn
Helen Veader	*New Haven, Conn.*	702 Orange st.
Edith Dean Weir	*New Haven, Conn.*	58 Trumbull st.
Anne Farnam Whitney	*New Haven, Conn.*	800 Whitney av.
Mary Elizabeth Whittelsey	*New Haven, Conn.*	367 Prospect st.

ART STUDENTS, 41

Art Students, ...	41
Elective Class from the Academical Department,	37
Freshman Class from the Scientific School, . .	250
Total, ...	328

DEPARTMENT OF MUSIC

John Chester Adams	*Brookline, Mass.*	389 B.
William DeVerne Beach	*Bridgeport, Conn.*	9 Library st.
Thomas Joseph Bergin	*New Haven, Conn.*	129 F.
William Woods Chandler	*New Haven, Conn.*	158 F.
Frederick Henry Cheeswright	*New Haven, Conn.*	527 Chapel st.
Abraham Beekman Cox, Jr.	*Cherry Valley, N. Y.*	148 F.
Albert Sargent Davis	*Cincinnati, O.*	177 F.
Sherwood Owen Dickerman	*New Haven, Conn.*	15 Lake pl.
Frank Phelps Dodge	*New York City*	254 Crown st.
William Standish Gaylord	*Norwich, Conn.*	201 D.
William Edwin Haesche	*New Haven, Conn.*	246 Atwater st.
Lester Page Hoole	*Brooklyn, N. Y.*	145 F.
Frank Winfield Hubby, Jr.	*Cleveland, O.*	101 N.
Louis Charles Ilfeld	*Las Vegas, N. M.*	123 York st.
George Jacobus	*Springfield, Mass.*	139 F.
Harry Benjamin Jepson, B.A. Yale University 1893, MUS.B. Yale University 1894	*New Haven, Conn.*	52 Howe st.
Albert Corey Jones	*New Haven, Conn.*	84 William st.
Albert Galloway Keller	*Milford, Conn.*	402 B.
Robert Augustin Peet	*Brooklyn, N. Y.*	142 F.
James Harris Richards	*Stamford, N. Y.*	79 S. M.
Frederick Clarence Spencer, PH.B. Yale University 1893	*Old Saybrook, Conn.*	411 Temple st.
Samuel Thorne, Jr.	*New York City*	66 V.
Allen Wardwell	*New York City*	214 D.
Harold Curtis Webster	*Cleveland, O.*	101 W. D.
Herbert Witherspoon	*New York City*	15 V.

STUDENTS, 25

DEPARTMENT OF THEOLOGY
(YALE DIVINITY SCHOOL)

RESIDENT LICENTIATES,

ATTENDING LECTURES

Adam Clayton Powell, Wayland Theological Seminary	*New Haven, Conn.* 430 Orchard st.
Charles Sterling Wyckoff, M.A. Rutgers College 1891, New Brunswick Theological Seminary	*Woodlawn, N. Y.* 294 Orchard st.

RESIDENT LICENTIATES, 2

GRADUATE CLASS,

PURSUING FOURTH YEAR STUDIES

Charles Franklin Clarke, B.A. Yale University 1886, B.D. Yale University 1889	*Whitneyville, Conn.*	Whitneyville
Orishatukeh Faduma, B.D. Yale University 1894	*Waterloo, Sierra Leone*	45 E. D.
Charles Stillman Haynes, B.A. Williams College 1891, B.D. Yale University 1894	*Fitchburg, Mass.*	Berlin, Germany
Charles Wilson Loomis, B.A. Amherst College 1882, B.D. Yale University 1888	*Winsted, Conn.*	75 W.D.
Henry Chamberlain Meserve, B.D. Yale University 1894	*Springfield, Mass.*	108 W. D.
Warren Joseph Moulton, M.A. Amherst College 1893, B.D. Yale University 1893	*Centre Sandwich, N. H.*	38 E. D.
Carroll Perry, B.A. Williams College 1890, B.D. Yale University 1894	*Williamstown, Mass.*	114 W. D.
Aurelian Post, B.A. Hamilton College 1891, B.D. Yale University 1894	*Clinton, N. Y.*	103 W. D.
Charles Edwin Reeves, B.D. Yale University 1894	*New London, Conn.*	109 W. D.
Anders Sandbo, B.A. St. Olaf College 1890, B.D. Yale University 1894	*Hills, Minn.*	104 W. D.

Kakichi Tsunashimá, Doshisha Theological Seminary	*Tokyo, Japan*	111 W. D.
Gervase Aristarchus Viets, Drew Theological Seminary	*Mount Carmel, Conn.*	Mount Carmel
Edwin Alonzo Warfield, B.A. Western Md. Coll. 1882, B.D. Yale Univ. 1890, PH.D. Yale Univ. 1893	*Baltimore, Md.*	94 W.D.

GRADUATE CLASS, 13

SENIOR CLASS

William Frederick Bade, B.A. Moravian College 1892, B.D. Moravian Theol. Sem. 1894	*Waconia, Minn.*	21 E.D.
Raymond Cummings Brooks, B.A. Tabor College 1891	*Tabor, Iowa*	44 E. D.
William Thurston Brown, B.A. Yale University 1890	*Madison, Conn.*	15 E. D.
Samuel MacIntosh Cathcart	*Northfield, Mass.*	58 Mansfield st.
John Milton Dick	*Yonkers, N. Y.*	2 E. D.
John Wesley Dickson, B.A. Otterbein University 1892	*Columbus, O.*	13 E. D.
Evore Evans, Colorado College	*Kingston, Pa.*	87 W. D.
Spencer Evan Evans, B.A. Marietta College 1891	*Shandon, O.*	79 W. D.
Samuel John Evers, B.A. Lebanon Valley College 1891	*Hagerstown, Md.*	29 E. D.
Adelbert Ellsworth Foutch, Simpson College	*Derby, Iowa*	90 W. D.
George Seymour Godard, B.A. Wesleyan University 1892	*North Granby, Conn.*	6 E. D.
Frederic Louis Grant, Harvard University	*Winsted, Conn.*	70 W. D.
Lathrop Campbell Grant	*Charleston, S. C.*	14 E. D.
Harry Linwood Hartwell, B.A. Boston University 1892	*Newton Highlands, Mass.*	88 W. D.
Frederick William Herman	*Warsaw, N. Y.*	20 E. D.
Johnson Washington Hill	*Boston, Mass.*	32 E. D.
John Hans Hjetland, Washburn College	*Leona, Kansas*	97 W. D.
Harry Woodruff Johnson, B.A. Williams College 1891	*Washington, D. C.*	27 E. D.
John Owen Jones	*Dublin, Ireland*	19 E. D.
Sen Joseph Katayama, B.A. Iowa College 1892	*Hadegi Mimasaku, Japan*	33 E. D.

Milton Royce Kerr, B.S. Cornell University 1884	*Mongaup Valley, N. Y.*	15 E. D.
Joseph Benjamin Kettle, B.A. Colorado College 1892	*Murray, N. Y.*	24 E. D.
Frank Oscar Krause, B.L. Carleton College 1892	*Northfield, Minn.*	89 W. D.
Adam Ruth Lutz, M.A. Franklin and Marshall College 1889	*Strasburg, Pa.*	17 E. D.
Leslie Wilbert Morgan, B.A. Drake University 1893	*Des Moines, Iowa*	30 E. D.
Cyrus Alvin Osborne, M.A. Beloit College 1891	*Beloit, Wisc.*	26 Gill st.
Jenichiro Oyabe, Howard University	*Tokyo, Japan*	117 W. D.
Edward Walker Pease, B.A. Yale University 1892	*Tolland, Conn.*	73 W. D.
George William Phillips	*Westville, Conn.*	232 Main st.
John Wesley Rice, B.A. Harvard University 1891	*Rockland, Mass.*	25 E. D.
Wallace Eugene Rollins, B.A. Univ. North Carolina 1892	*Asheville, N. C.*	42 E. D.
Edward Stevens Sanborn, B.A. Yale University 1892	*Kingston, N. H.*	28 E. D.
*Thomas Melvaughn Singer, B.A. Bates College 1890	*Lewiston, Me.*	44 E. D.
Charles Nelson Sperling, B.D. Moravian Theological Seminary 1894	*Port Washington, O.*	21 E. D.
Charles Snow Thayer, B.A. Amherst College 1886	*Westfield, Mass.*	40 E. D.
John Barton Toomay, B.A. Otterbein University 1893	*Westerville, O.*	128 Howe st.
Hiram VanKirk, B.A. Hiram College 1892	*Washington C. H. O.*	23 E. D.
William Hiram Waggoner, B.A. Eureka College 1892	*Buffalo, N. Y.*	110 W. D.
Parley Paul Womer, Ohio Wesleyan University	*Reynoldsville, Pa.*	102 W. D.

SENIOR CLASS, 39

MIDDLE CLASS

Lynn Paddock Armstrong, B.A. Williams College 1893	*Bennington, Vt.*	91 W. D.
Hampartsoon Hagop Ashjian, Aintab Central Turkey College	*Marash, Turkey*	51 E. D.

*Deceased Nov. 8, 1894

Thomas Nelson Baker, B.A. Boston University 1893	*Malden, Mass.*	22 E. D.
Arthur Granville Beach, B.A. Marietta College 1891	*Cincinnati, O.*	82 W. D.
Arie Binkhorst, B.A. Olivet College 1893	*Kalamazoo, Mich.*	80 W. D.
George Aldrich Bushée, B.A. Williams College 1892	*Wallingford, Vt.*	34 E. D.
Christopher Walter Collier, B.A. Williams College 1892, and Harvard University 1893	*East Hampton, Conn.*	91 W. D.
Edward Jasper Converse, B.A. Ohio State University 1886	*Columbus, O.*	83 W. D.
Morgan Daniel, Bala-Bangor College	*Glanaman, Wales*	8 E. D.
John Deans, Jr., Glasgow University	*Danbury, Conn.*	95 W. D.
Percy Harold Epler, B.A. Illinois College 1892	*Jacksonville, Ill.*	78 W. D.
Edward Henry Eppens	*Canal Dover, O.*	98 W. D.
Charles Kingsley Fankhauser, B.A. Marietta College 1893	*Laings, O.*	84 W. D.
Winfred Ernest Garrison, B.A. Eureka College 1892, and Yale University 1894	*St. Louis, Mo.*	92 W. D.
John Hiram Grant, B.A. Amherst College 1892	*Goldsborough, N. C.*	50 E. D.
Thomas Dean Henshaw, B.A. Marietta College 1893	*Sharon, Pa.*	53 E. D.
Hugh Jones, Bala-Bangor College	*Bala, Wales*	106 W. D.
John Hovey Kimball, B.A. Beloit College 1893	*Nashua, N. H.*	113 W. D.
Edwin LaForest Noble, B.A. Boston University 1893	*Chelsea, Mass.*	96 W. D.
Evarts Wilson Pond, B.A. Dartmouth College 1891	*New Haven, Conn.*	31 E. D.
Wallace Mertin Short, B.A. Beloit College 1893	*Beloit, Wisc.*	37 E. D.
Julius Merle Stevens, B.A. Redfield College 1893	*Faulkton, S. Dak.*	53 E. D.
John Evans Thomas, Bala-Bangor College	*Pencader, Wales*	18 E. D.
Charles Nicholas Thorp, B.A. Amherst College 1891	*Oxford, N. Y.*	39 E. D.
William Wood Wallace, B.A. Hamilton College 1890	*Middletown, N. Y.*	93 W. D.

Edgar Couch Wheeler, PH.B. Beloit College 1893	*Tacoma, Washington*	99 W. D.
James Williams, Carmarthen College	*Carmarthen, Wales*	35 E. D.

MIDDLE CLASS, 27

JUNIOR CLASS

William Spencer Beard, B.A. Yale University 1894	*South Killingly, Conn.*	119 W. D.
Ernest Leon Benson, B.A. Beloit College 1892	*Algonquin, Ill.*	36 E. D.
George Lincoln Briggs, B.A. Beloit College 1892	*Albert Lea, Minn.*	49 E. D.
Edward Harold Bronson, B.A. Yale University 1894	*Norwich, Conn.*	107 W. D.
John Benjamin Eaton, B.A. Cornell College 1894	*Storm Lake, Iowa*	76 W. D.
David Herbert Evans, B.A. Williams College 1890	*Little Falls, N. Y.*	115 W. D.
Miles Bull Fisher, B.L. University of California 1894	*Oakland, Cal.*	41 E. D.
Amos Hoppock Haines, B.A. Rutgers College 1892	*Sergeantville, N. J.* 53 Trumbull st.	
Amos Thompson Harrington, B.A. Yale University 1894	*Lyons, N. Y.*	120 W. D.
Andrew Fairchild Heltman, B.A. Northern Indiana Normal School 1891	*Lucca, N. Dakota*	41 E. D.
Ansel Estano Johnson	*Milford, Mass.*	77 W. D.
Peter Adelstein Johnson, PH.B. Tabor College 1893	*Marshall, Minn.*	81 W. D.
William Jones, Bala-Bangor College	*Bala, Wales*	106 W. D.
Shepherd Knapp, Jr., B.A. Columbia College 1894	*New York City*	118 W. D.
George Edwin Ladd, B.A. Williams College 1891	*Woodstock, Vt.*	121 W. D.
Samuel Edward Lord, B.A. French Protestant College 1894	*Lowell, Mass.*	107 W. D.
Frederick Henry Lynch, B.A. Yale University 1894	*Peacedale, R. I.*	43 E. D.
Charles Stedman Macfarland	*East Boston, Mass.*	85 W. D.
Charles Clarkson Merrill, B.A. Dartmouth College 1894	*Newbury, Vt.*	105 W. D.
Schuyler Rice Myers, B.A. Beloit College 1894	*Polo, Ill.*	26 E. D.

Edwin Franklin Norton, B.A. Yale University 1885, M.A. Syracuse University 1888, PH.D. Wooster University 1894	*Olivet, Mich.*	67 W. D.
Wesley Eugene Page, B.A. Bates College 1894	*Brownville, Me.*	77 W. D.
Charles Peabody Pierce, B.A. Yale University 1892	*Auburn, Mass.*	115 W. D.
Hezekiah Loor Pyle, B.A. Otterbein University 1894	*St. Paris, O.*	100 W. D.
Harry Frank Rall, M.A. University of Iowa 1891	*Des Moines, Iowa*	47 E. D.
William Theophilus Ream, B.A. Beloit College 1894	*Hampshire, Ill.*	46 E. D.
Austin Rice, B.A. Amherst College 1894	*Danvers, Mass.*	100 W. D.
William Henry Rowe, PH.B. Beloit College 1894	*South Elgin, Ill.*	36 E. D.
Milton Sherk Runkle, B.A. Cornell College 1894	*Lisbon, Iowa*	76 W. D.
Jesse Eugene Sarles, B.A. University of Wisconsin 1894	*Boscobel, Wisc.*	46 E. D.
William Harvey Short, B.A. Beloit College 1894	*Beloit, Wisc.*	49 E. D.
Wallis Henry Sterns, Harvard University	*Westfield, Mass.*	122 W. D.
Cyrus Flint Stimson, B.A. Colby University 1893	*Palmer, Mass.*	48 E. D.
Louis Warner Wiltberger, B.A. Beloit College 1894	*DeKalb, Ill.*	26 E. D.
Edward Stanton Wright, B.A. Olivet College 1894	*Millersville, La.*	74 W. D.

JUNIOR CLASS, 35

SUMMARY

RESIDENT LICENTIATES,	2
GRADUATE CLASS,	13
SENIOR CLASS,	39
MIDDLE CLASS,	27
JUNIOR CLASS,	35
TOTAL,	116

DEPARTMENT OF MEDICINE
(YALE MEDICAL SCHOOL)

SENIOR CLASS

Charles Joseph Bartlett, M.A. Yale University 1894	*New Haven, Conn.* 1016 Chapel st.
Frederic Courtney Bishop, B.A. Yale University 1892	*Bridgeport, Conn.* 16 Gill st.
Charles Gardner Child, Jr.	*Montclair, N. J.* 1161 Chapel st.
James Henry Joseph Flynn	*New Haven, Conn.* 159 Elliott st.
Albert Lewis House	*Milford, Conn.* Milford
John Lawrence Kelly, B.A. Coll. of the Holy Cross 1892	*New Britain, Conn.* 68 George st.
Vertner Kenerson, M.A. Yale University 1893	*New Haven, Conn.* 1018 Chapel st.
Elmer Arthur Lawbaugh, PH B. Yale University 1893	*Opechee, Mich.* 339 George st.
Harry Breed Rising	*S. Glastonbury, Conn.* 391 George st.
Myron Potter Robinson	*Glastonbury, Conn.* 381 Crown st.
William Joseph Sheehan, B.S. Manhattan College 1892	*West Haven, Conn.* West Haven
Louis Mayer Smirnow	*New Haven, Conn.* 286 Wooster st.
Abram Case Williams, B.A. Yale University 1892	*East Hartford, Conn.* 120 Dwight st.
Thomas Herbert Young	*Hamilton, Canada* Kent Laboratory

SENIOR CLASS, 14

MIDDLE CLASS

Larmon Winthrop Abbott	*Bridgeport, Conn.* Bridgeport
Theodore Edward Beard, Jr.	*New Haven, Conn.* 13 Wooster pl.
Joseph Anthony Cooke	*New Haven, Conn.* 159 Orange st.
Charles Childs Gildersleeve	*E. Woodstock, Conn.* 226 Crown st.
Michael Henry Richard Gill	*Southington, Conn.* 226 Crown st.
Louis Michael Gompertz	*New Haven, Conn.* 43 Artizan st.
Irvin Granniss	*Fair Haven, Conn.* Fair Haven
Charles Werden Holbrook, M.A. Amherst College 1893	*Easthampton, Mass.* 541 Howard av.
Milo Hotchkiss Jones	*Greenwich, Conn.* 1161 Chapel st.
Clifford Wolcott Kellogg	*New Haven, Conn.* 100 York sq.
William Sanford Kingsbury, B.S. Trinity College 1891	*Glastonbury, Conn.* 381 Crown st.

Andrew Joseph McNamara	*Bridgeport, Conn.*	38 Lynwood st.
James Stephen Maher, PH.B. Yale University 1892	*New Haven, Conn.*	212 Orange st.
Alfred Goldstein Nadler, B.A. Yale University 1893	*New Haven, Conn.*	122 Olive st.
Adolph Jacob Osterman	*New Haven, Conn.*	69 Hill st.
Clifford Seeley Page	*Danbury, Conn.*	371 Crown st.
Michael Joseph Sheahan	*New Haven, Conn.*	361 Blatchley av.
Egbert Livingston Smith	*Milford, Conn.*	Milford
Hugh Currie Thompson	*Buffalo, N. Y.*	713 Chapel st.
William Myron Weaver	*Hartford, Conn.*	6 Elm st.

MIDDLE CLASS, 20

JUNIOR CLASS

James Leslie Allan	*Montreal, Canada*	223 York st.
Edwin Wooster Beach	*Meriden, Conn.*	159 Elm st.
Louis Mark Bishop, PH.B. Yale University 1894	*New Haven, Conn.*	71 Whalley av.
Orland Rossini Blair, PH.B. Yale University 1893	*New Britain, Conn.*	383 Crown st.
Irving Deloss Blanchard	*Bridgeport, Conn.*	Bridgeport
John Lucius Bradley	*New Haven, Conn.*	29 Whalley av.
Arnold William Nicholas Brandenberg	*Brooklyn, N. Y.*	83 Olive st.
Henry Harrison Briggs, B.A. Greeneville and Tusculum College 1893	*Flag Pond, Tenn.*	14 Whalley av.
Joseph Bradford Brocksieper	*North Haven, Conn.*	730 Chapel st.
Ernest Dwight Chipman	*New Haven, Conn.*	49 Pine st.
Jeremiah Joseph Cohane	*New Haven, Conn.*	27 Haven st.
Timothy Francis Cohane	*New Haven, Conn.*	276 Wallace st.
Allen Ross Defendorf, B.A. Yale University 1894	*Fairport, N. Y.*	473 Elm st.
John Frederick Dutton	*Philadelphia, Pa.*	59 Goffe st.
Thomas Long Ellis, B.A. Yale University 1894	*Portland, Me.*	347 Crown st.
James Aloysius Fahy	*New Haven, Conn.*	343 Cedar st.
Sanford John Ferris	*New Haven, Conn.*	192 Davenport av.
Richard Stayner Graves, B.A. Trinity College 1894	*New Haven, Conn.*	101 Grove st.
John Bagg Griggs	*Hartford, Conn.*	383 George st.
Harry Hall Hartung	*New Haven, Conn.*	259 St. Ronan st.
Isaac Morris Heller, PH.B. Yale University 1894	*New Haven, Conn.*	95 St. John st.
John Edward Herrity	*New Haven, Conn.*	102 Ward st.

William Joseph Hogan	*Torrington, Conn.* 314 George st.
Arthur Leslie Howard	*St. Thomas, W. I.* 430 Orchard st.
George Moulthrop Hubbell, PH.B. Yale University 1894	*Allentown, Pa.* 1179 Chapel st.
Russell Hulbert	*Middletown, Conn.* 139 Elm st.
Alfred Stille Ives	*New Haven, Conn.* 339 Temple st.
Gilbert Fenimore Kendall, B.S. Bucknell University 1894	*New Haven, Conn.* 522 Winthrop av.
Clarence Leishman Kilbourn	*New Haven, Conn.* 20 Woolsey st.
Michael Richard Laden	*Wallingford, Conn.* Wallingford
Percy Duncan Littlejohn	*New Haven, Conn.* 64 Lake pl.
Maximilian Lawrence Loeb	*New Haven, Conn.* 200 Franklin st.
Julius Stirling Loomis	*Springfield, Mass.* 314 Crown st.
Albert Emory Loveland, B.A. Wesleyan University 1893	*New Haven, Conn.* East Grand av.
Frank John McGuire	*New Haven, Conn,* 244 Ferry st.
Thomas Burton McIntire	*New Haven, Conn.* 7 Park st.
Edward Francis McIntosh	*New Haven, Conn.* 53 Lake pl.
Gilbert Totten McMaster	*New Haven, Conn.* 6 High st.
Frank Spicer Miner	*New Haven, Conn.* 28 Dwight st.
James Maum O'Brien	*New Haven, Conn.* 420 Winthrop av.
Maurice John O'Connell	*Fair Haven, Conn.* 309 Exchange st.
Theodore Dominic Pallman	*New Haven, Conn.* 494 Winthrop av.
William Fletcher Penn	*Lynchburg, Va.* 27 Garden st.
Francis Henry Reilly	*New Haven, Conn.* 127 Putnam st.
Milton See Sherwood	*Pocantico Hills, N. Y.* 384 Crown st.
Arthur John Sloane	*New Haven, Conn.* 112 Greene st.
Charles Lancelot Proctor Smith	*Morris Cove, Conn.* 112 Greene st.
Earle Terry Smith	*Bridgeport, Conn.* Bridgeport
Howard Franklin Smith, B.A. Yale University 1894	*Hartford, Conn.* 25 Broadway
Seymour Leopold Spier	*New Haven, Conn.* 145 Bradley st.
Lucius Harrison Stewart	*Rutland, Vt.* 157 York st.
Lucius Schuyler Styles	*New Britain, Conn.* 40 Lynwood st.
Sanford Hosea Wadhams, PH.B. Yale University 1894	*Torrington, Conn.* 318 Elm st.
Francis Joseph Wales	*Stepney Depot, Conn.* 676 State st.
George Howell Warner	*Baiting Hollow, N. Y.* 142 York st.
George Albert Weaver	*Manchester, N. H.* 117 Park st.
Curtis Wade Welch	*Los Angeles, Cal.* 209 Orchard st.
Harry Little Welch, B.A. Yale University 1894	*New Haven, Conn.* 44 College st.
Lewis Hawley Wheeler	*Westport, Conn.* 289 York st.
Stanley Rogers Woodruff	*Derby, Conn.* 83 Olive st.

JUNIOR CLASS, 60

SPECIAL STUDENTS

Theodore Elmore Eggleston	*New Haven, Conn.* 337½ Howard av.
Orishatukeh Faduma, B.D. Yale University 1894	*Waterloo, Sierra Leone* 45 E. D.
Walter Emory Hatfield	*New Haven, Conn.* 406 Orchard st.
John Joseph Hogan	*Derby, Conn.* 625 Grand av.
George John Hugo	*New Haven, Conn.* 1235 State st.
Vincent Joseph Irwin	*Springfield, Mass.* Springfield

SPECIAL STUDENTS, 6

SUMMARY

SENIOR CLASS	14
MIDDLE CLASS	20
JUNIOR CLASS	60
SPECIAL STUDENTS	6
	100

DEPARTMENT OF LAW
(YALE LAW SCHOOL)

GRADUATE STUDENTS

William Roderick Adams, LL.B. Yale University 1894	*Bloomfield, Conn.*	43 Whalley av.
Roger Sherman Baldwin, B.A. Yale University 1890, M.L. Yale Univ. 1894, Attorney at Law	*New Haven, Conn.*	69 Church st.
George Preston Breckenridge, LL.B. Yale University 1894	*St. Louis, Mo.*	2 Audubon st.
William Henry Burtner, Jr., LL.B. University of Michigan 1894, Attorney at Law	*Hartwell, O.*	38 Elm st.
Harry Goodyear Day, PH.B. Yale University 1890, LL.B. Yale Univ. 1894, Attorney at Law	*Seymour, Conn.*	83 Elm st.
Henry Deutsch, LL.B. University of Minn. 1894	*Minneapolis, Minn.*	423 Temple st.
James Dudley Dewell, Jr., LL.B. Yale Univ. 1893, Attorney at Law	*New Haven, Conn.*	400 Orange st.
Harold Riggs Durant, Attorney at Law	*New Haven, Conn.*	128 State st.
Robert Collyer Fergus, LL.B. Northwestern University 1892	*Chicago, Ill.*	94 Lake pl.
William Frederick Foster, LL.B. Yale University 1894	*London, Eng.*	190 Mansfield st.
George Elisha Hall, LL.B. Yale University 1894, Attorney at Law	*New Haven, Conn.*	212 Wooster st.
George Edwin Joseph, LL.B. Univ. City of New York 1892, Attorney at Law	*Warwick, N. Y.*	Warwick
Edward Joseph Maher, LL.B. Yale University 1894, Attorney at Law	*New Haven, Conn.*	212 Orange st.
William George Detloff Mueller, LL.B. University of Minn. 1894 Attorney at Law	*Dresden, Germany*	127 Dwight st.
Adam Pearson, LL.B. N. Y. Law School 1894	*Mt. Vernon, N. Y.*	99 Howe st.
George Owen Redington, LL.B. Yale University 1894	*Syracuse, N. Y.*	38 Elm st.

James J. Sheridan, LL.B. Univ. of Mich. 1894, Attorney at Law	*New Haven, Conn.*	38 Elm st.
Kinnosuke Sugita, M.L. University of Michigan 1893	*Gifuken, Japan*	438 Elm st.
James France Torrance, LL.B. Yale University 1894	*Derby, Conn.*	Derby
James Everett Wheeler, B.A. Yale University 1892, LL.B. Yale University 1894, Attorney at Law	*New Haven, Conn.*	486 Prospect st.

GRADUATE STUDENTS, 20

SENIOR CLASS

Robert Adair	*Wilmington, Del.*	51 Lake pl.
Spencer Lionel Adams, B.A. Cornell University 1893	*Skaneateles, N. Y.*	213 D.
George Patrick Ahern, U. S. Military Acad., Attorney at Law	*New York City*	82 Wall st.
Joseph Anderson, Jr., B.A. Yale University 1893	*Waterbury, Conn.*	Woodmont
Edward Lee Asbill, B.A. Wofford College 1892, Attorney at Law	*Leesville, S. C.*	64 Lake pl.
Frederick Lawton Averill	*New Haven, Conn.*	761 Chapel st.
Leroy Delevan Ball, Jr.	*Tallahassee, Fla.*	Bridgeport
Elmore Sherwood Banks	*Southport, Conn.*	Southport
Albert Hampton Barclay, B.A. Yale University 1891	*Pittsburgh, Pa.*	137 Wall st.
Alvin Louis Bauman	*St. Louis, Mo.*	51 Lake pl.
John Adam Bellis	*Gloversville, N. Y.*	94 Lake pl.
John Edmond Bishop, Attorney at Law	*California, Mo.*	2 Audubon st.
Thomas Hamilton Breeze, B.A. Yale University 1893	*San Francisco, Cal.*	44 College st.
Frank James Brown, B.A. Yale University 1893	*New Haven, Conn.*	263 Orange st.
William Bartholomew Brown, Attorney at Law	*Leona, Kansas*	17 Broad st.
Edwin Higbie Brownell	*Keokuk, Iowa*	225 Crown st.
Wendell Greene Brownson, B.A. Yale University 1893	*Noroton, Conn.*	83 Elm st.
Samuel Joshua Bryant, B.A. Oberlin College 1873	*West Haven, Conn.*	West Haven
Herbert Spencer Bullard, PH.B. Yale University 1887	*Hartford, Conn.*	Hartford
Edward Martin Burke, B.A. Union University 1893	*Westerly, R. I.*	64 Lake pl.

Henry Clarence Burroughs	*Bridgeport, Conn.*	Bridgeport
Michael John Byrne	*New Haven, Conn.*	4 Church st.
George Winton Carey	*Stratford, Conn.*	Stratford
Terrence Francis Carmody	*Waterbury, Conn.*	87 Olive st.
Thomas Francis Carroll, B.S. Lehigh University 1894	*Towanda, Pa.*	87 Olive st.
Hervey Merriam Cheney	*Toledo, O.*	225 Crown st.
Frederick Chunn	*Chaptico, Md.*	567 Howard av.
Dennis William Coleman	*Cheshire, Conn.*	Cheshire
Louis Edgington Conner	*Cincinnati, O.*	2 Audubon st.
George McCobb Coombs	*New Haven, Conn.*	193 Whalley av.
William Henry Cox, B.S. Geneva College, Pa., 1893	*Beaver Falls, Pa.*	31 Trumbull st.
Charles Thomas Coyle	*New Haven, Conn.*	235 Washington st.
Leo Davis	*S. Norwalk, Conn.*	S. Norwalk
Frank Edward Donnelly, B.A. Yale University 1893	*New Haven, Conn.*	82 Broadway
Samuel Solomon Doroff	*New Haven, Conn.*	30 George st.
David Edward Fitzgerald	*New Haven, Conn.*	307 Oak st.
Archibald Graham	*Paterson, N. J.*	427 Temple st.
James Stephen Green	*N. Raynham, Mass.*	125 Park st.
Henry Albert Levi Hall	*W. Haven, Conn.*	81 Church st.
William Roland Hall, B.L. University of Alabama 1894	*Uniontown, Ala.*	97 Lake pl.
Newton Megrue Harris	*Champaign, Ill.*	64 High st.
Paul Wolcott Harrison	*New Haven, Conn.*	52 Hillhouse av.
Walter Douglas Hawkins	*New Haven, Conn.*	671 Chapel st.
Harry Waterbury Hawley	*Bridgeport, Conn.*	Bridgeport
Charles Vincent Henry	*Annville, Pa.*	260 York st.
Frederick Asbury Hill, B.A. Yale University 1893	*Norwalk, Conn.*	Norwalk
Benedict Michael Holden	*Bristol, Conn.*	60 Whalley av.
*Lawrence Whitney Hooker	*Los Angeles, Cal.*	63 Grove st.
William Perry Hopkins	*Bridgeport, Conn.*	Bridgeport
William Churchill Hungerford, PH.B. Yale University 1893	*New Britain, Conn.*	New Britain
Joseph Almeron Johnson	*Rochester, N. Y.*	1044 Chapel st.
Frederick Darwin Keeler	*Bridgewater, Conn.*	117 Elm st.
Daniel Boyle Kelly	*Newburyport, Mass.*	60 Whalley av.
George Lawrence King	*Meriden, Conn.*	Meriden
William Lloyd Kitchel, B.A. Yale University 1892	*New Haven, Conn.*	83 Elm st.
George Washington Klett	*New Britain, Conn.*	82 Broadway
Eugene Kraemer, Attorney at Law	*California, Mo.*	2 Audubon st.

* Deceased Dec. 11, 1894.

William Stephen Levens	*Baker City, Oregon*	82 Broadway
Ernest Mayo Long, B.L. Richmond College 1894, Attorney at Law	*Richmond, Va.*	64 Lake pl.
Bernard Eugene Lynch	*New Haven, Conn.*	149 Norton st.
William Stephen McCaughey	*Pawtucket, R. I.*	60 Whalley av.
Samuel John Marsh	*Waterbury, Conn.*	2 Audubon st.
Edward Lewis Medler, Attorney at Law	*Albuquerque, N. M.*	2 Audubon st.
Melville Bascom Mendell	*New Haven, Conn.*	17 Lake pl.
William Charles Meyer, B.A. University of W. Va. 1893	*Wheeling, W. Va.*	60 Whalley av.
Ambrose Irving Moriarty, U. S. Mil. Acad. 1887	*Putnam, Conn.*	84 Wall st.
Frederick Merritt Peasley, Attorney at Law	*Waterbury, Conn.*	91 Clark st.
George Leete Peck, B.A. Yale University 1893	*Jamaica, N. Y.*	West Haven
John Wayland Peddie	*Germantown, Pa.*	37 Wooster pl.
Joseph Strass Peery	*Ogden, Utah*	82 Broadway
John Newell Piatt	*Pittsburgh, Pa.*	12 Whalley av.
Charles Elliott Pickett	*Seymour, Conn.*	1157 Chapel st.
Stuart Eldred Pierson	*Minneapolis, Minn.*	311 Crown st.
Fred Clark Rector, B.A. Ohio Wesleyan University 1893, Attorney at Law	*Circleville, O.*	64 Whalley av.
Henry Seymour Sanford, Jr.	*New Milford, Conn.*	117 Elm st.
William Scott, Attorney at Law	*San Antonio, Texas*	2 Audubon st.
Edward Lawrence Seery	*Waterbury, Conn.*	413 Orange st.
Benjamin Slade	*New Haven, Conn.*	858 State st.
Dutee Roy Smith	*Putnam, Conn.*	65 York st.
Herbert Knox Smith, B.A. Yale University 1891	*Hartford, Conn.*	83 Elm st.
Daniel John Snyder, B.A. Heidelberg University, Ohio, 1892	*Boquet, Pa.*	1044 Chapel st.
Nicholas Spielberg Szekely	*New York City*	87 Olive st.
William Fletcher Thetford, Jr., B.A. University of Alabama 1893	*Talladega, Ala.*	59 Broadway
Edwin Stark Thomas	*West Haven, Conn.*	W. Haven
Dexter Edgar Tilley, B.A. Yale University 1893	*Springfield, Mass.*	225 Crown st.
George Edgar Tilton	*San Bernardino, Cal.*	1044 Chapel st.
Edward Holman Tracy, B.A. Yale University 1893	*New Haven, Conn.*	324 Howard av.
Charles Milnor Washington, B.A. Yale University 1889	*Locust, N. J.*	65 Grove st

Howard Curtis Webb	*New Haven, Conn.*	57 Pearl st.
Larz Augustus Whitcomb, B.A. De Pauw University 1893 and Yale Univ. 1894, Attorney at Law	*Clinton, Ind.*	68 W. D.
John Harvey Wigginton, B.A. Yale University 1893	*Bladensburg, Md.*	1241 Chapel st.
Allyn Bancroft Wilmot	*Post Mills, Vt.*	82 Whalley av.
Alfred Charles Woolner, B.A. Yale University 1893	*Peoria, Ill.*	225 Crown st.
Frank Clement Wright	*Portsmouth, N. H.*	1044 Chapel st.
Bennie A. Younker	*Des Moines, Iowa*	79 Lake pl.

SENIORS, 95

JUNIOR CLASS

Harry Lee Albert	*Cape Girardeau, Mo.*	1144 Chapel st.
George Selden Aldrich	*New Haven, Conn.*	824 State st.
Robert Scott Alexander	*Danbury, Conn.*	52 Crown st.
Roger Fuller Merceine Andrews	*Stamford, Conn.*	Stamford
Raymond Holbrook Arnot, B.A. Yale University 1894	*San Francisco, Cal.*	251 Crown st.
Earlliss Palmer Arvine	*New Haven, Conn.*	1169 Chapel st.
Bainbridge Yandon Bennett	*New York City*	82 Wall st.
Andrew Trew Bierkan	*New Haven, Conn.*	138 Lawrence st.
Edward Linus Brennan	*New Haven, Conn.*	179 Franklin st.
Alfred Julius Brumder	*Milwaukee, Wisc.*	1142 Chapel st.
William Waldo Burton	*New Orleans, La.*	1119 Chapel st.
William Horace Cable	*Danbury, Conn.*	92 Crown st.
William Leo Canty	*Winsted, Conn.*	Bridgeport
Oliver Case	*Collinsville, Conn.*	189 Wooster st.
George Edward Cassidy	*Bridgeport, Conn.*	Bridgeport
Nathaniel Butler Coles	*Jersey City, N. J.*	1044 Chapel st.
John Joseph Corr	*Bridgeport, Conn.*	Bridgeport
Thomas Henry Cox	*New Haven, Conn.*	58 Mill st.
Walter Barnes Cruttenden, B.A. Yale University 1894	*East River, Conn.*	371 Crown st.
John Joseph Cuneo	*S. Norwalk, Conn.*	S. Norwalk
Edward Marvin Day, B.A. Yale University 1894	*Colchester, Conn.*	58 W. D.
Mason Loomis Decker	*Denver, Col.*	205 Crown st.
Stephen Garretson Doig, B.A. Union University 1892	*Scotia, N. Y.*	99 Howe st.
Winthrop Hillyer Duncan, B.A. Yale University 1894	*Lowell, Mass.*	92 W. D.
Ernest Bradford Ellsworth, PH.B. Yale University 1893	*Hartford, Conn.*	57 Grove st.

Joseph Michael Fitzpatrick	*New Haven, Conn.* 289 Hamilton st.
John Loomer Hall, B.A. Yale University 1894	*New Haven, Conn.* 67 Grove st.
William N. Hart	*New York City* 311 Crown st.
Benjamin Baldwin Holston, B.S. University of Illinois 1894	*Nashville, Ill.* 9 Library st.
James Ashworth Howarth, Jr.	*New Haven, Conn.* 34 Vernon st.
James Sinclair Jenkins, B.A. Yale University 1894	*Stamford, Conn.* Stamford
Allan Luce Jordan	*Brooklyn, N. Y.* 226 Crown st.
Walter Purnell Judson, B.A. Yale University 1893	*New Haven, Conn.* 204 Winthrop av.
Herbert Humphrey Kellogg, B. A. Yale University 1894	*Carthage, Mo.* 40 Whalley av.
Willlam Henry Kreider, B.A. Lebanon Valley College 1894	*Annville, Pa.* 59 Prospect st.
George Bigelow Bartlett Lamb, B.A. Yale University 1894	*New Haven, Conn.* 584 Chapel st.
Frank Clifton Leonard	*Putnam, Conn.* 32 Trumbull st.
Lewis Lyman Loomer	*Derby, Conn.* Derby
Edward Augustus McClintock	*Springfield, Mass.* 159 York st.
Robin Macdonald	*Philadelphia, Pa.* 64 W. D.
Edward Holmer McVey	*Des Moines, Iowa* 64 Whalley av.
Wilbur Grant Manchester	*New Haven, Conn.* 166 Peck st.
Joseph Howard Manifold	*York, Pa.* 59 Prospect st.
Frederick Sanford Martyn, B.A. Dartmouth College 1894	*Windsor, Vt.* 97 Olive st.
John Albert Matthewman, B.A. Yale University 1894	*New Haven, Conn.* 561 Howard av.
Samuel Gilbert Meeker	*Green's Farms, Conn.* Bridgeport
John Michel	*New York City* 1044 Chapel st.
Howard Allen Mix	*West Haven, Conn.* West Haven
Harold Notely Moore	*Ansonia, Conn.* Ansonia
Maurice Moore	*Lynchburg, Va.* 1142 Chapel st.
John Hill Morgan, B.A. Yale University 1893	*Brooklyn, N. Y.* 205 Crown st.
Joseph Elias Morgan, B.A. Yale University 1894	*Essex, Conn.* 1233 Chapel st.
Daniel Morrissey, Jr., B.L. University of Illinois 1894	*Champaign, Ill.* 9 Library st.
Howard Peck	*Derby, Conn.* Derby
George van Hook Potter	*Philadelphia, Pa.* 170 York st.
John Stephenson Pullman, B.A. Wesleyan University 1892	*Bridgeport, Conn.* Bridgeport
Walter Busey Riley, B.L. University of Illinois 1894	*Champaign, Ill.* 9 Library st.

Andrew Murray Robinson, B.A. Lincoln University 1894	*Beaufort, S. C.*	115 Day st.
James Edward Rowland	*New Haven, Conn.*	162 Brewery st.
Origen Storrs Seymour, B.A. Yale University 1894	*Litchfield, Conn.*	114 College st.
Carl Frederic Stahl, B.A. Yale University 1894	*New Haven, Conn.*	556 Chapel st.
Edward Lee Steele, B.A. Wesleyan University 1894	*Hartford, Conn.*	233 York st.
Loring Vane Stewart, B.A. Pacific University 1892	*Forest Grove, Oregon*	2 Audubon st.
Robert Curtis French Stoddard, PH.B. Yale University 1894	*Milford, Conn.*	Milford
Joseph Cornelius Sweeney	*New Haven, Conn.*	219 Whalley av.
Frederick Clark Taylor	*Stamford, Conn.*	Stamford
William Josiah Tilson, B.A. Yale University 1894	*Clear Branch, Tenn.*	1 TR.
Eugene Henry Tucker	*New Haven, Conn.*	174 Pierpont st.
James Ashmun Veech, PH.B. Yale University 1894	*New Haven, Conn.*	23 Eld st.
Charles Bishop Waller	*New London, Conn.*	134 Howe st.
Harry Seymour Warsawski	*Brooklyn, N. Y.*	105 St. John st.
Burton Minnott Welch	*Chaplin, Conn.*	63 Goffe st.
Edward John Woolsey, Jr.		427 Temple st.
Herbert James Wyckoff, B.A. Yale University 1892	*North Woodbury, Conn.*	373 Crown st.

JUNIORS, 76

SPECIAL STUDENTS

Erroll Meredith Augur	*Woodbridge, Conn.*	122 Howe st.
Martin Conlan	*New Haven, Conn.*	116 Nicoll st.
Winthrop Edward Dwight, B.A. Yale University 1893	*New Haven, Conn.*	126 College st.
Ernest Bartlett Folsom	*Dover, N. H.*	West Haven
William Wilson Ford	*Philadelphia, Pa.*	99 Wall st.
Thomas Jay McCahill, Jr.	*Larchmont, N. Y.*	22 College st.
Samuel MacLauchlan	*New Haven, Conn.*	59 Bishop st.

SPECIAL STUDENTS, 8

SUMMARY

GRADUATES	20
SENIORS	95
JUNIORS	73
SPECIAL STUDENTS	7
	195

SUMMARY OF STUDENTS

Department of Philosophy and the Arts:		
Graduate Courses	138	
Yale College	1150	
Sheffield Scientific School	662	
Art School	41	
Musical Department	25	
		2016
Yale Divinity School		116
Yale Medical School		100
Yale Law School		195
		2427
Deduct for names inserted twice		77
Total		2350

DEGREES CONFERRED IN 1894

BACHELORS OF ARTS

Samuel Stokes Allen
William Boyd Allison, Jr.
Gustav Albert Andreen, B.A.
Augustana College 1881
Thomas Shaw Arbuthnot
Raymond Holbrook Arnot
Leonard Woolsey Bacon, Jr.
William Bacon Bailey
Harry Samuel Bandler
Alexis Painter Bartlett
William Spencer Beard
André Alden Beaumont
Albert Anson Bigelow
Charles Benjamin Bishop, Jr.
Clinton Spencer Bissell
Samuel Burr Sherwood Bissell
Edward Richmond Bosley
Frederick Merrell Boyer
Albert Simmons Briggs
Edward Harold Bronson
Samuel Palmer Brooks, B.A.
Baylor University 1893
Alphonso Bickford Brown
James Crosby Brown
James Elwyn Brown
Pratt Anthony Brown, B.A.
Mercer University 1892
Albert Henry Buck
Charles Herbert Buell
Henry Walter Bunn
Frank Scott Bunnell
Calvin Burr
John Cadwalader, Jr., B.A.
University of Pennsylvania 1893
Walter Reid Callender
James William Cantwell, B.A.
Baylor University 1893
Ira Merrill Carley
George Bowen Case
Patrick Joseph Cassidy
John Payson Chamberlain
Frederick Shepard Chapman
Frank Herbert Chase
William Genung Chase
William Henry Clark, Jr.
Ward Robinson Clarke
AlexanderSessumsCleveland, B.A.
University of the South 1893
William Davis Cleveland, Jr., B.A.
University of the South 1893
Thomas Cochran, Jr.
Joseph Platt Cooke
William Clayton Crafts
Erastus Milo Cravath, Jr.
Charles Frederic Crawford
George Marshall Crawford
Frederick Swift Crosley
Walter Barnes Cruttenden
Thomas Frederick Davies, Jr.
Henry Shepherd Dawson
Edward Marvin Day
Charles I. DeBevoise
Allen Ross Defendorf
Arthur Gillespie Dickson
Alexander Samuel Diven
Bayard Dominick, Jr.
George Francis Dominick, Jr.
George Elias Dorland
Winthrop Hillyer Duncan
Casselberry Dunkerson
Harry Westbrook Dunning
Frederick Dwight
George Francis Eaton
Theodore Eaton
Thomas Long Ellis
Arthur Wells Elting
Henry Lane Eno

William Phelps Eno
Wilber Leslie Evans, B.A. Knox College 1893
John Mackintosh Ferguson
Albert Nelson Cheney Fowler
George Howard Fox
Clinton Hart Furbish
Fred D. Gallup
Winfred Ernest Garrison, B.A. Eureka College 1892
Edward Joseph Garvan
Charles Henry George
Merwin Jephtha Gibbons
Louis Packard Gillespie
Thomas Warrington Gosling
John Henry Goss
Allen Greeley
Gervase Green
Nathan Williams Green
Warren W. Guthrie, Jr.
Charles Henry Hall, Jr.
John Loomer Hall
Frank Manson Haradon
Meredith Hare
Amos Thompson Harrington
James Anderson Hawes
Fidelio Sharp Henry
George Cooley Hixon
Ralph Winthrop Holmes
Hamilton Holt
Edward Olaf Holter
Walter Deyo Hood
Lloyd Mortimer Howell
John Howland
Charles Nelson Hulburt
Ralph Squire Hull
William Hugh Hyndman
Caleb Samuel Jackson
Robert Campbell James
James Sinclair Jenkins
Nathan Hall Jewett
Lawrence Bullard Jones
Arthur Judson
Bruce Smith Keator
Frederick Love Keays
Sarkis Couzu Kebabian
Herbert Humphrey Kellogg
Jacob Fry Kempfer, B.A. Pennsylvania College 1893
Charles Garfield King
Rufus King
Edward Kirkland
Ernest Knaebel
Charles David Kyle
Clarence Hinman Lake
George Bigelow Bartlett Lamb
Howard Asa Lamprey
John Edward Lane
Edward Herman Lay
William Henry Leete
James Patrick Linahan
Albert William Lindeke
Charles Pleasants Lineaweaver
Raymond Lloyd
Frederick Ayres Lockwood
Ralph Longenecker
Ralph Reed Lounsbury
Walter Whitney Lounsbury
Charles Noyes Loveland
Dean Belden Lyman
Frederick Henry Lynch
George Day McBirney
William Wickliffe McCandless
Edward Hill McCray
Hall Park McCullough
Frank Elmer McDuffee
Buell McKeever
Winthrop McKim
Kirk Crawford McKinney
Harry Brent Mackoy
Philip Hamilton McMillan
Sanford Bouck Martin
John Albert Matthewman
Guy Bryan Miller
Pendelton Miller
Winlock William Miller
Arthur Mitchell, Jr.
William Russell Moorhouse

Joseph Elias Morgan
John Edward Morley
Henry Perkins Moseley
Oliver Clayton Mosman
Walter Fletcher Murray
Robert Hastings Nichols
Alvin Probasco Nipgen
Henry Shore Noon
George William Olmsted
Samuel Lowry Orr
Charles Grosvenor Osgood, Jr.
Ralph Delahay Paine
Frederick Curtis Perkins
Henry Bishop Perkins, Jr.
Frederick Torrel Persons
Ansel Phelps
Isaac King Phelps
Decius Latimer Pierson
Frank Lyon Polk
Alfred Macauley Pope
Alonzo Potter
James Tracy Potter
Warwick James Price
Ralph Prindle, B.A.
Monmouth College 1893
Edward Franklin Raymond
William Miner Raymond
Edward John Redington
Edward Bliss Reed
Harry Simeon Richardson
Ernest Lauren Robinson
Philip Fletcher Rogers
Charles Philemon Rowley
Albert Thorpe Ryan
George Hope Ryder
William Henry Sallmon
Walter Edward Sanders
Charles William Saunders
James Cowan Sawyer
Origen Storrs Seymour
Joseph Earl Sheffield
Harry Shevelson Silverstein
Eugene Wilson Skelton
Charles Rives Skinker
Charles Albert Smith
Howard Franklin Smith
Leonard Bacon Smith
Letchworth Smith
Rest Fenner Smith, Jr.
Charles James Sniffen
John Beach Solley, Jr.
Carl Frederic Stahl
Walter Eugene Stewart, Jr.
Leland Stanford Stillman
Alfred Worthington Stone
Edward Merrell Stothers
Andrew Sandford Taylor
James Henry Taylor
Edward Russell Thomas
William Edward Thoms
William Josiah Tilson
William Todd
Ralph Tousey
George Marcy Townsend
James Rutherford Trowbridge
Henry Brownell Tucker
Willard Gibbs VanName
George Finch VanSlyck
William Stuart Walcott, Jr.
James Alexander Waller
Milton Jones Warner
Walter Abbott Waterman
Frederic Jabez Waters
Harry Little Welch
Shelton King Wheeler
Larz Augustus Whitcomb, B.A.
DePauw University 1893
Ellsworth Daggett Whiting
Jay Edmund Whiting
Harry Payne Whitney
James Dawes Williams
Nathaniel Niles Wilson
William Wallace Woodruff, Jr
Charles Francis Word
Richard Hardesty Worthington
William Runk Wright

MASTERS OF ARTS

Yokichi Aoki
Geo. Sherwin Clarke Badger, B.A. Yale University 1892
Charles Joseph Bartlett, B.A. Yale University 1892
Arthur Stone Brackett, B.A. Yale University 1892
Schmucker Duncan, B.A. Gettysburg College 1891
James Eugene Farmer, B.A. Yale University 1891
George Ernest Folk, M.A. Newberry Coll. 1892, B.A. Yale Univ. 1893
Charles Prentice Howland, B.A. Yale University 1891
Arthur May Hyde, B.A. Yale University 1889
George Lyman Lamphier, B.A. Yale University 1889
John Ball Osborne, B.A. Yale University 1889
Frederic Holmes Paine, B.A. Yale University 1888
Luther Henry Tucker, B.A. Yale University 1891

BACHELORS OF PHILOSOPHY

Ralph Albree
Frank Willson Aldrich
William Bradford Allen
Richard Clough Anderson
John Lorillard Arden
Orville Elias Babcock
Harry Ives Bartholomew
Willard Bayliss
George Alexander Berry
Louis Mark Bishop
Gershom Burr Bradley, Jr.
Clifford Brewster Brainard
Henry Brewer
George Richard Brewster
Robert Edward Brooke
Morgan Prout Brooks
Charles Barto Brown
Edward Manning Brown
Frederick Zerban Brown
Harold Winthrop Buck
Loomis Burrell
Alexander Byers, Jr.
Paul Worthington Carhart
Sheldon Catlin
Jerome Stuart Chaffee
Charles McLure Clark
William Irving Clock
Samuel Gilbert Colt
Frederick Clifford Cooke
Edward Vermilye Cox
Charles Eliab Coy
Charles Howard Daly
Hughes Dayton
James Milan Dickson
Harry Perry Disbecker
Arthur Malcolm Drummond
Ralph Elliott Dusinberre
Charles Milton Edwards
John Leffingwell Eliot
Heman Ely, Jr.
Albert DeWolf Erskine
Frederick Philip Farnsworth
Harry Warner Farnum
Smith Farley Ferguson
Ernest Rudolph Folger
Robert True Fowler
Arthur Graham Freeland
William John Gies, B.S. Gettysburg College 1893
John Thomas Gillespie

William Henry Glenny, Jr.
James Barnett Goodwillie
Archibald Bauford Gwathmey, Jr.
Edward Clifton Hall
Paul David Hamilton
Edward Herbert Hart
Harrie Emile Hart
Maxwell Stansbury Hart
Isaac Morris Heller
Harold Edmunds Hewlett
Herbert Crary Hill
Henry Hobart Holly, Jr.
Howard Parker Hotchkiss
Charles Wilson Hoyt
George Moulthrop Hubbell
Everett Bradley Hurlburt
Frederick Thomas James
Clifford Stebbins Jennings
Charles Stoddard Johnson
Frederick Allen Johnson
Howard Spafard Johnson
Harry Lee Joyce
Arthur Tryon Kemp
Irvine Keyser
Frederick Wilkinson Kilbourne
Charles Rufus Knapp
Arthur James Ladd
Frederick Martin Landé
Burton James Lee
Frank Lee
Frederic Henry Lee
Tracy Samuel Lewis
Mitchell Campbell Lilley, Jr.
James Whiting Maples
Eugene Lawrence Messler
James Hoyt Miller
John Crannell Minor, Jr.
Jerome Alfred Clinton Morse
Frederick Searles Munger
Arthur Samuel Nathan
Francis Irving Nettleton
Thomas Keaton Norris
Fred. Elmer Northrop
Frederick Erskine Olmsted
Thomas Bucklin Owen
Henry Francis Parmelee
Silas Beach Patterson
John Crist Peck
George Hoyt Penfield, Jr.
Alois John Joseph Pfeiffer
George Washington Pike, Jr.
Charles Biddle Pinney
William Spencer Pope, Jr.
Joseph Hersey Pratt
William Procter
Abram Nave Ranney
Chauncey Brewster Rice
Ralph Stewart Robinson
Alexander Parker Rogers
George Frederick Root
Samuel Moorhead Russell
John Sargent
Wilfred Willis Savage
George Sheffield
Frederick Nichols Sinks
James Dudley Skinner
Cotton Atwood Smith, B.S.
Massachusetts Agric. Coll. 1893
Edward Page Smith
Chester Stowe Spencer
Harry Merriman Steele
Robert Curtis French Stoddard
Edwin Howard Thomes
Victor Corse Thorne
Frederick Eugene Toquet
Louis Downer Tracy
Charles Rogers Treat
Elisha Grant Trowbridge
Edward Lewis Uhl
James Ashman Veech
Thomas Alfred Vernon
Sanford Hosea Wadhams
Joseph Patten Wales
James Walker, Jr.
Francis Castleman Waller
Francis Downs Wanning
William Morris Weller, B.A.
Western Maryland College 1889

Benjamin Glyde Wells
Lynde Phelps Wheeler
Dudley Phelps Wilkinson, Jr.
Samuel Porter Williams
Meyer Wolodarsky
Edward Taylor Wright
Willis Morris Wright
Lawrence Yates

CIVIL ENGINEER

Noyes Dwight Clark, PH.B. Yale University 1891

MECHANICAL ENGINEERS

Charles Sumner Brown, PH.B.
Yale University 1893
Richard Fisher Manning, PH.B.
Yale University 1892
William Crosby Marshall, PH.B.
Yale University 1890
George Pratt Starkweather, PH.B.
Yale University 1891

DOCTORS OF PHILOSOPHY

John Beadle, B.A.
Yale University 1886
Harlan Creelman, B.D.
Yale University 1889
Arthur Louis Day, B.A.
Yale University 1892
Jean duBuy, J.U.D.
University of Heidelberg 1889
Joshua Allen Gilbert, B.A.
Otterbein University 1889
George Herbert Girty, B.A.
Yale University 1892
Elizabeth Deering Hanscom, M.A.
Boston University 1893
Victor Harald Hegstrom, B.A.
Augustana College 1890
James W. D. Ingersoll, B.A.
Yale University 1892
James Hall Mason Knox, Jr., B.A.
Yale University 1892
Clinton Lockhart, M.A.
Kentucky University 1888
William James Mutch, B.A. and B.L.
University of Wisconsin 1882,
B.D. Yale University 1885
Margaretta Palmer, B.A.
Vassar College 1887
Charlotte Fitch Roberts, B.A.
Wellesley College 1880
Cornelia Bulkley Rogers, B.A.
Wellesley College 1884
Sara Bulkley Rogers, M.A.
Cornell University 1891
Charles Augustus Schumaker, B.A.
Yale University 1892
Mary Augusta Scott, M.A.
Vassar College 1882
Guy VanGorder Thompson, B.A.
University of Colorado 1888
Laura Johnson Wylie, B.A.
Vassar College 1877

BACHELORS OF DIVINITY

Henry Cartledge
William Watt Dornan
Hugh Shaw Dougall, B.A.
Victoria University 1892
William Llawdaog Evans
Orishatukeh Faduma
August Frederick Fehlandt, B.A.
University of Wisconsin 1891
Albert Louis Grein, PH.B.
Oberlin College 1891
Jacob Lewis Hartsock
Charles Stillman Haynes, B.A.
Williams College 1891
Samuel George Heckman, B.A.
University of Cincinnati 1891
Godfrey August Holzinger, B.A.
Olivet College 1887
William Fleetwood Ireland, B.A.
Oberlin College 1891
Clifford Benj. Keenleyside, B.A.
Victoria University 1892
Harry William Landfear, B.A.
Amherst College 1890
Edwin Jones Lewis, B.A.
Marietta College 1891
Frederick Nye Lindsay, B.A.
Yale University 1889
Abraham Lincoln McClelland, B.A.
Oberlin College 1889
Sandford Edwin Marshall, B.A.
Victoria University 1892
Harry Chamberlain Meserve
James Brittain Miller
John Winslow Norris, B.A.
University of Vermont 1891
Frank Park, B.A.
State University of Iowa 1889
Carroll Perry, B.A.
Williams College 1890
Aurelian Post, B.A.
Hamilton College 1891
Henry Hugh Proctor, B.A.
Fisk University 1891
Charles Edwin Reeves
Anders Sandbo, B.A.
St. Olaf College 1890
Gilbert Augustus Shaw
James Alexander Solandt, PH.B.
Oberlin College 1891
Chas. William Thomas Strasser B.A.
Muhlenberg College 1891
Robert John Thomson
William Marsh Tinker, B.A.
Thiel College 1887
George Durand Wilder, B.A.
Oberlin College 1891

DOCTORS OF MEDICINE

Ernst Herman Arnold
Jerome Samuel Bissell
Charles Porter Botsford
Charles Ellsworth Bush
Charles Franklin Craig
Simon Philip Goodhart, PH.B.
Yale University 1892
Miles Remond Gordon
Edward Lyman Kingman
Edward Brooks Marston
Robert Orton Moody, B.S.
Cornell University 1891
James Albert Moore, B.A.
Yale University 1892
Edward Seymour Moulton, M.A.
Oberlin College 1894
Fürchtegott Horst Richard Oertel
Frederick Noyes Sperry
William Francis Verdi

BACHELORS OF LAWS

William Roderick Adams, Jr.
Alfred Carleton Baldwin
Gabriel Henry Baum, B.A.
University of South Carolina 1892,
LL.B. University South Carolina 1893
Edward Boltwood, B.A.
Yale University 1892
William Bradford Bosley, B.A.
Yale Univ. 1892, *summa cum laude*
George Preston Breckenridge
Robert Barmby Buckham, B.A.
University of Vermont 1889
Timothy Francis Callahan
John Charles Clark
Thomas Drake Coulter
Howard Ambrose Couse, B.A.
Alleghany College 1891, *summa cum laude*
Jesse Wallen Crain
Harry Irwin Cromer
Rowe Francis Donovan
Thomas Francis Farrell
Henry Edgar Ferris
Percy Finlay, B.A.
Yale Univ. 1892, *magna cum laude*
William Frederick Foster,
magna cum laude
Harrison Barber Freeman, Jr., B.A.
Yale University 1892
Pierpont Fuller, B.A.
Yale University 1892
Jo Clarence Goodman
George Fauvel Gouraud
Harmon Sheldon Graves, B.A.
Trinity College 1892
George Elisha Hall
Herbert William Hamlin, PH.B.
Yale University 1892
Thomas West Hardy
William Stockbridge Haskell, B.A.
Yale University 1892
George Pickard Hawkes, B.A.
Yale University 1891
Robert Cairns Hayden
Benjamin Franklin Hedden
Jo Ralph Jacques
Midori Komatz
John William Larkin, B.A.
College of the Holy Cross 1892
Josiah Woolf Levy
Edward Joseph Maher
Loren P. Waldo Marvin, B.A.
Yale University 1892
Oliver Perry Merritt
Geo. Redington Montgomery, B.A.
Yale University 1892
Albert Alfonzo Moore, Jr.
Henry Morgan
George Frederick Mull, PH.B.
DePauw University 1893
James Emerson O'Connor
George Owen Redington
Matthew Ambrose Reynolds, B.A.
Yale University 1892, *magna cum laude*
Frank Wright Seymour, B.A.
Yale University 1892
Arnold Watson Sherman
Alfred Willoughby Smith
Harrison John Teller, B.A.
Yale University 1892
James France Torrance
Richard Henry Tyner, *cum laude*
Charles Weiser, PH.B.
Yale University 1893
James Everett Wheeler, B.A.
Yale University 1892, *cum laude*
Charles Boardman Whittlesey, *cum laude*
Fritz William Whyte
Arthur Hubbard Wood
Robert Wright

MASTERS OF LAWS

Roger Sherman Baldwin, B.A.
Yale University 1890, LL.B. Yale University 1893, *cum laude*

Ernest Wells Campbell, LL.B.
Yale University 1893

John Wilber Roby, LL.B.
Yale Univ. 1891, *magna cum laude*

John Quillin Tilson, B.A.
Yale University 1891, LL.B. Yale University 1893

James Parsons Woodruff, B.A.
Amherst College 1891, LL.B. Yale University 1893

DOCTORS OF CIVIL LAW

William Angus Hamilton, LL.B.
Cornell University 1889, B.A. Harvard University 1892, M.L. Yale Univ. 1893

William Wallace Phelps, LL.B.
University of Michigan 1890, M.L. Yale University 1891

BACHELORS OF MUSIC

Harry Benjamin Jepson, B.A.
Yale University 1893

Burton Emerson Leavitt, B.A.
Yale University 1893

Virginia Brisac Moore

Edward Walker Pease, B.A.
Yale University 1892

HONORARY DEGREES:

DOCTORS OF DIVINITY

Rev. Francis Brown, B.A.
Dartmouth College 1870

Rev. Joseph Leonard Daniels, B.A.
Yale University 1860

Rev. Charles Joseph Hardy Ropes, B.A.
Yale University 1872

DOCTORS OF LAWS

Joseph Folger Barnard, B.A.
Yale University 1841

John Chipman Gray, B.A.
Harvard University 1859

Albert Francis Judd, B.A.
Yale University 1862

William Thompson Lusk, B.A.
Yale University 1859

Edmund Clarence Stedman, B.A.
Yale University 1853

MASTERS OF ARTS

Homer Franklin Bassett
Thornton Mills Hinkle, B.A.
Yale University 1863
Caleb Lamson, B.A.
Yale University 1848
Rev. Samuel Henry Lee, B.A.
Yale University 1858
Charles Luedeking, PH.D. and M.A.
University of Leipsic 1885
Horatio William Parker
Samuel Simons Sanford
Nikola Tesla
Cornelius Vanderbilt
Andrew Judson White, M.D.
Yale University 1846

HONORS IN THE ACADEMICAL DEPARTMENT

HONORS IN ALL STUDIES, CLASS OF 1894

ORATIONS

FRANK HERBERT CHASE
WILLIAM EDWARD THOMS

WILLARD GIBBS VANNAME
GEORGE FINCH VANSLYCK
THOMAS WARRINGTON GOSLING
ERNEST KNAEBEL
ROBERT HASTINGS NICHOLS
EDWARD RICHMOND BOSLEY
EDWARD BLISS REED
EDWARD RUSSELL THOMAS
SAMUEL STOKES ALLEN
HENRY SHEPHERD DAWSON
WINFRED ERNEST GARRISON
GUSTAV ALBERT ANDREEN
HENRY WALTER BUNN

Joseph Platt Cooke
Thomas Frederick Davies, Jr.
Arthur Gillespie Dickson
George Elias Dorland
Arthur Wells Elting
Louis Packard Gillespie
Herbert Humphrey Kellogg
Henry Shore Noon
Charles Grosvenor Osgood, Jr.
Philip Fletcher Rogers
Rest Fenner Smith, Jr.
Sheldon King Wheeler
James Dawes Williams

William Bacon Bailey
Harry Samuel Bandler
James Crosby Brown
James Elwyn Brown
Frank Scott Bunnell
John Cadwalader, Jr.
William Genung Chase
Walter Barnes Cruttenden
Harry Westbrook Dunning
Frederick Dwight
Theodore Eaton
Arthur Judson
Frederick Low Keays
Jacob Fry Kempfer
Charles Noyes Loveland
Isaac King Phelps
William Miner Raymond
Harry Shevelson Silverstein
Charles Rives Skinker
Leonard Bacon Smith
James Henry Taylor
Milton Jones Warner
Harry Payne Whitney
William Runk Wright

DISSERTATIONS

Albert Simmons Briggs
Alphonso Bickford Brown
William Clayton Crafts
Allen Ross Defendorf
George Francis Eaton
John Henry Goss
Gervase Green
Walter Deyo Hood
John Howland
Charles David Kyle
Raymond Lloyd
Buell McKeever
Harry Brent Mackoy
Henry Perkins Moseley
Ralph Prindle
Harry Simeon Richardson
Charles Philemon Rowley
Eugene Wilson Skelton
Howard Franklin Smith
Leland Stanford Stillman
Henry Brownell Tucker
Jay Edmund Whiting

DISPUTES

William Spencer Beard
Samuel Palmer Brooks
Ward Robinson Clarke
Edward Marvin Day
Warren W. Guthrie, Jr.
John Edward Lane
William Henry Leete
Edward Hill McCray
Hall Park McCullough
Sanford Bouck Martin
William Russell Moorhouse
Joseph Elias Morgan
John Edward Morley
Decius Latimer Pierson
Alonzo Potter
George Hope Ryder
Edward Merrell Stothers
William Todd
James Rutherford Trowbridge
Walter Abbott Waterman
Frederic Jabez Waters
Larz Augustus Whitcomb
Nathaniel Niles Wilson
Charles Francis Word

William Boyd Allison, Jr.
Raymond Holbrook Arnot
Clinton Spencer Bissell
James William Cantwell
George Bowen Case
John Payson Chamberlain
William Davis Cleveland, Jr.
Ferdinand Swift Crosley
Bayard Dominick, Jr.
Thomas Long Ellis
Wilber Leslie Evans
Fred D. Gallup
Merwin Jephtha Gibbons
Charles Henry Hall, Jr.
John Loomer Hall
George Cooley Hixon
Sarkis Couzu Kebabian
Howard Asa Lamprey
Edward Herman Lay
Charles Pleasants Lineaweaver
Ralph Reed Lounsbury
Walter Whitney Lounsbury
Frederic Henry Lynch
Winthrop McKim
George William Olmsted
Samuel Lowry Orr
Warwick James Price
Edward John Redington
William Henry Sallmon
Charles William Saunders
Alfred Worthington Stone

COLLOQUIES

Alexis Painter Bartlett
Albert Anson Bigelow
Samuel Burr Sherwood Bissell
Walter Reid Callender
Frederic Shepard Chapman
George Francis Dominick, Jr.
Henry Lane Eno
Albert Nelson Cheney Fowler

Nathan Williams Green
Hamilton Holt
Charles Nelson Hulburt
Ralph Squire Hull
Lawrence Bullard Jones
Clarence Hinman Lake
Ralph Longenecker
Frank Elmer McDuffee
Philip Hamilton McMillan
John Albert Matthewman
Arthur Mitchell, Jr.
Ansel Phelps
Edward Franklin Raymond
Ernest Lauren Robinson
Walter Edward Sanders
Letchworth Smith
Charles James Sniffen
William Josiah Tilson
Ralph Tousey
William Stuart Walcott, Jr.

Charles Benjamin Bishop, Jr.
Frederick Merrell Boyer
Edward Harold Bronson
Charles Herbert Buell
Calvin Burr
Patrick Joseph Cassidy
Alexander Sessums Cleveland
Thomas Cochran, Jr.
Winthrop Hillyer Duncan
Casselberry Dunkerson
John Mackintosh Ferguson
Edward Joseph Garvan
Charles Henry George
Frank Manson Haradon
Meredith Hare
Edwin Olaf Holter
George Day McBirney
Winlock William Miller
Walter Fletcher Murray
Ralph Delahay Paine
Henry Bishop Perkins, Jr.
Frederick Torrel Persons
Alfred Macauley Pope
James Tracy Potter
Carl Frederic Stahl
Andrew Sandford Taylor
Ellsworth Daggett Whiting
Richard Hardesty Worthington

Honors in Special Studies

Two-year honors

In History:

Harry Samuel Bandler
Rest Fenner Smith, Jr.

In Political Science and Law:

James Crosby Brown
Joseph Platt Cooke
Thomas Warrington Gosling
Herbert Humphrey Kellogg
Sheldon King Wheeler

In Ancient Languages:

Winfred Ernest Garrison

In Modern Languages:

William Bacon Bailey
William Clayton Crafts
Arthur Gillespie Dickson
Harry Westbrook Dunning
John Edward Lane
Eugene Wilson Skelton

In Natural and Physical Science:

Arthur Wells Elting
Merwin Jephtha Gibbons
Frederick Love Keays
Henry Perkins Moseley
Isaac King Phelps
Willard Gibbs VanName

In Mathematics:

Edward Herman Lay

ONE-YEAR HONORS

In Philosophy:
Gervase Green
Sarkis Couzu Kebabian
William Edward Thoms

In History:
William Henry Leete
Charles Pleasants Lineaweaver
Charles Noyes Loveland
John Edward Morley

In Political Science and Law:
William Bacon Bailey
Fred D. Gallup
Ralph Pringle
Harry Shevelson Silverstein
Edward Merrell Stothers

In Ancient Languages:
Walter Deyo Hood

In Modern Languages:
Winthrop Hillyer Duncan
Henry Shore Noon

In Natural and Physical Science:
John Howland
Howard Franklin Smith

JUNIOR APPOINTMENTS

YALE COLLEGE, CLASS OF 1895

PHILOSOPHICAL ORATIONS

WILLOUGHBY PIERCE BEAM
JULIAN CONE BINGHAM
CLEMENT GEORGE CLARKE
ELMORE FRANKLIN ELMORE
GEORGE JAY GIBSON, JR.
FRANCIS BURTON HARRISON
SHIRLEY TREDWAY HIGH
LOUIS HALSEY HOLDEN
GEORGE JACOBUS
GEORGE DWIGHT KELLOGG
NORTON ADAMS KENT
GEORGE AUGUSTUS LEWIS
EDWIN CARLYLE LOBENSTINE
HERBERT CHESTER NUTTING
ALBURN EDWARD SKINNER
CHARLES STOREY THURSTON
CHARLES HEALD WELLER

ORATIONS

Henry Andrew Baker
Samuel Fayerweather Beardsley
Frederick Marcy DeForest
Arthur Hibbert Eggleston
John Elliott
Philip Saffery Evans, Jr.
Samuel Alexander Everitt
Edward Clinton Jones
Charles Adams Kimball
William Edward Parsons
Tracy Peck, Jr.
William Martin Richards
Arthur Behn Shepley
Samuel Tyler
Roger Widdrington Whinfield

Edward Chauncey Baldwin
Edward William Beattie, Jr.
Ralph Houghton Burns
Percy Waldron Crane
George Everett Darling
Samuel Boyd Darling
Henry Peck Driggs
John Joseph Dunn
Edward Ridley Finch
Frederic Ruthven Galacar
Yandell Henderson
John Louis Hunt
Roswell Bertram Mason
John King Moore
Joseph Ripley Noyes
Henry Ivison Parsons
Augustus Stephen Peabody, 2d
Howard Whiting Pease
James Harris Richards
Alfred Egmont Schermerhorn
Thomas Horace Stevenson
Harry Lockman Street
John Gardner Talcott

DISSERTATIONS

Arthur Bumstead
Gustaf Birger Carlson
Charles Frederic Clemons
Clarence Edward Clough
Lewis Fox Frissell
Elwin Hayes Gleason
Louis Hewlett
Frank Winfield Hubby, Jr.
John MacGregor, Jr.
Guy Richards McLane
David Bartine Melick
William Arthur Moore
William Sloane
Horace Mann Snyder
Joseph Rockwell Swan
Charles Augustus Wheeler

DISPUTES

Edward Taylor Buckingham
Frederick William Burge
Arthur Boughton Chivers
James Earnest Cooper
Abraham Beekman Cox, Jr.
Charles Lyon Hill
Joseph Bernard Hone
Albert David Levi
Lanier McKee
Russell Almeron Marks
James Herbert Perrin
Lewis Sterrett Sadler
William Herbert Scoville
Ernest Guy Stevens
Emerson Gifford Taylor
James Jones Walworth
Allen Wardwell
George Howard Warrington

Benjamin Chauncey Allen
Walter Hinds Allen
Roger Sherman Baldwin
Charles Bolmar Cheyney
Benjamin Frank Corwin
Thomas McElrath Debevoise
William Henry Ferris
Michael Gavin
Clarence Wells Halbert
George Wright Hamlin
Burton Jesse Hendrick
Everett Winslow Hobart
James Fisk Hooker
Charles Cheney Hyde
David Diamond Mitchell
John Grant Mitchell
Ervin Edward Osgood
Frederick Holbrook Rawson
Eugene Nathan Solomon
Howard White Starr
Hermann Thomas
Roger Walker Tuttle
Fred Uri Wadhams
Raymond Sandford White

COLLOQUIES

George Buell Alvord
Anson McCook Beard
Walter Stanton Brewster
George Clark Bryant
Arthur Fuller Carpenter
Ulysses Grant Church
Leonard Atwood Comstock
Lindsay Denison
Sherman Knevals Foote
Charles Sumner Gale
Fred Chapman Goodwin
Henry Neal Hyde
Frederic Ives
John Lewis Lockwood, Jr.
Henry Giles Miller, Jr.
Alfred Townsend Osgood
William Knapp Payne
Josiah Henry Peck
George Alexander Phelps
William George Reynolds
Harry Sargeant Scarborough
Benjamin Ives Spock
John Frelinghuysen Talmage, Jr.
Hartley Wales Thayer
George Herbert Thomas
William DeForest Thomson
Ralph DeForest Tucker
Fred Sylvester Tyler
Cornelius Vanderbilt, Jr.
William Mills Wheeler
Robert Wilkinson
Herbert Witherspoon

George Townsend Adee
Ulysses Simpson Grant Bassett
William Langdon Beadleston
Mortimer Norton Buckner
Harold Edgar Buttrick
George Peabody Chandler
Benjamin Harrison Dwight
Frederick Steinman Franklin
Hugh Tyler Halbert
John Llewellyn Hutchins
Charles Kingsley, Jr.
Howard Barnes Lee
John Aloysius Lee
William Grant McCann
Rowland Gardiner Paynter
Ziba Bennett Phelps
Charles Howard Remington
George Chalmers Richmond
John Keim Stauffer
Spencer Kellogg Warnick

JUNIOR APPOINTMENTS

Yale College, Class of 1896

PHILOSOPHICAL ORATIONS

John Chester Adams
Philip Ray Allen
Fred Fox Bennett
Alexander Garner Bentley
Arthur Walker Bingham
Christopher Bush Coleman
Charles Collins
Edward Day Collins
Lewis Roberts Conklin
Sherwood Owen Dickerman
Frank Phelps Dodge
Edward Lewis Durfee
Hollon Augustine Farr
John Marshall Gaines
Theodore Meech Gowans
Maitland Griggs
William Lester Henry
Frederick Stephen Jackson
Frank Mason Jeffrey
Albert Galloway Keller
Henry Edwin McDermott
William Conger Morgan
George Henry Nettleton
Henry Augustus Perkins
Louis Hopkins Porter
Addison Strong Pratt
Edwin Loomis Robinson
Rudolph Schwill

ORATIONS

Eugene Davenport Alexander
Samuel Morgan Alvord
John Milton Berdan
Charles William Birely
Harvey Wood Chapman
Edward Conner Chickering
Walter Haven Clark
Sherman Day
Jay Glover Eldridge
William Standish Gaylord
McKee Dunn McKee
Eugene Isaac Meyer
Fred Oscar Robbins
Sylvester B. Sadler
Hewlett Scudder, Jr.
Asa Currier Tilton
Albert Eugene VonTobel
Howland Twombly
William Henry Wadhams
Frederick Edward Weyerhaeuser
Robert Edwin Whalen

Marcellin Cote Adams
Thomas Frothingham Archbald
Owen Calvin Baker
William Fuller Brown
Bertram Joseph Cahn
Ward Cheney
William Patrick Conly
Edward Lockwood Davis
Charles Louis Fincke, Jr.
Clarence Vernon Fowler
Clement Austin Fuller
Herbert Edwin Hawkes
Edward Charles Heidrich, Jr.
William Milton Hess
Louis Cleveland Jones
Ralph Waldo Lobenstine
Theodore Woods Noon
Charles Alfred Pelton
Walter Franklin Prince
Wolcott Phelps Robbins
Henry Martyn Robert, Jr.
Winthrop Davenport Smith
Anson Phelps Stokes, Jr.
Samuel Thorne, Jr.
Herbert Ladd Towle
Wesley Grove Vincent
Joseph Wallace Wickenden
William Sayre Woodhull

DISSERTATIONS

Leonard Beaumont Bacon
Austin Baldwin, Jr.
John Elliot Breckenridge
Herbert Stanley Brown
George Sturges Buck
John Ladd Burnham
William Wallace Chace
Frederick Coonley
James Frank
Frederick William Gaines
Robert Kelly, Jr.
Charles Bernard Lenahan
Philip Curran Peck
Lewis Pendleton Sheldon
Charles Phineas Sherman
Harry Alexis Spalding
Albert Jefferson Squires
Samuel Brinckerhoff Thorne
Chauncey Wetmore Wells

DISPUTES

William Ansel Arnold
Mark Baldwin
Kneeland Ball
Alfred Horatio Belo, Jr.
George Merrill Bemis
Herbert Bishop Carey
Arthur Smith Chittenden
Thomas Benton Clark
Wendell Phillips Colton
Harry Parsons Cross
Asahel Henry Grant
William Leonard Helfenstein
George Clay Hollister
Frederic Blair Johnson
Albert Corey Jones
Horace Arthur Loomis

Edwin Sidney Oviatt
Charles Edwards Park
Robertson Tyler Root
Robert Lawson Ross
Murray Marvin Shoemaker
Edward Dorland Smith
Nathaniel Waite Smith
Charles Flagg Spellman
Joseph Marius Spinello
Arthur Ripley Thompson

Edgar Stirling Auchincloss
John Kirkman Berry
Charles Henry Boyer
Lewis Ladd Brastow
John Sherrard Brittain, Jr.
John Arthur Carley
William Woods Chandler
Charles Coit
William Henry Corbitt
Lee Maltbie Dean
Johnston deForest
Jules Gabriel Henri deSibour
Richard Johnston Goodman
George Zabriskie Gray
Richard Cameron Haldeman
Franke Stuart Havens
John Chamberlain Hollister
Frank Thomas Hooker
Lester Page Hoole
Walter Stiles Hoyt
Cyrus Fay Mackey
Harry Willard Mathews
William Southworth Miller
Charles Southerton Morris
Louis Curtis Oakley
Edmund Gerald Stalter
Thomas Shepard Strong, Jr.
Frederick Maurice Thompson
Dudley Landon Vaill
Thomas B. Wells
Norman Williams, Jr.
Norman Alton Williams
Ezra Hallock Young

COLLOQUIES

Benjamin Adams
Arthur Hillier Beaty
Thomas Joseph Bergin
William Hall Brokaw
Guy Phelps Dodge
John Howard Douglass, Jr.
Harry Johnson Fisher
Carroll Hamilton Fitzhugh
Michael Flaherty, Jr.
Fred Albert Forbes
Harris Ray Greene
Frank Libby Griffith
Paul Delano Hamlin
Gilbert Lawrence Hedges
Henry Selden Johnston
William Crissey Kellogg
Henry Spies Kip
Robert Lusk
George Sutherland McLaren
Frederick Whitney Mathews
Frederic Huntington Mathison
Joseph Oudinot Moré
Clinton Joseph Rumrill
David Stuart
James Bogert Tailer
Michael Murray VanBeuren
Arthur Gillender Walter

William Mossgrove Beard
George Edward Bulkley
Theodore Carleton
William Redmond Cross
Willard Newell Drown
Arthur Ellsworth Foote
Elbert Bacon Hamlin
William Wilson Heaton
James Barnett Horton
James Abbott Hutchinson
Warren Southard Jordan
Christopher Kiersted Loughran
George Xavier McLanahan
George Arthur Smith
Douglas Stewart
Lewis Aaron Sulcov
Thomas Andrew Tracy
Ralph Bishop Treadway
Frank Edward Wade
Walter Fargo Wood

UNDERGRADUATE SCHOLARS OF THE HOUSE, YALE COLLEGE, 1893–94:

BRISTED Scholar—Class of 1895, GEORGE D. KELLOGG.

WOOLSEY Scholars—Class of 1895, GEORGE D. KELLOGG; Class of 1896, JOHN M. GAINES; Class of 1897, NATHAN A. SMYTH.

SCOTT HURTT Scholars—Class of 1895, ELWIN H. GLEASON; Class of 1896, ADDISON S. PRATT.

THOMAS GLASBY WATERMAN Scholars—Class of 1895, GEORGE D. KELLOGG; Class of 1896, MAITLAND GRIGGS.

DANIEL LORD, Junior, Memorial Scholar—Class of 1895, WILLIAM H. SCOVILLE.

ALFRED BARNES PALMER Scholar—Class of 1896, JOHN M. GAINES.

HURLBUT Scholar—Class of 1897, EDWARD H. HUME.

THIRD FRESHMAN Scholar—Class of 1897, PHILIP F. RIPLEY.

UNIVERSITY PRIZES, AWARDED JUNE, 1894:

JOHN A. PORTER PRIZE—Clive Day, B.A., of the Graduate Department.

Committee of Award: Rev. Theodore T. Munger, D.D., New Haven; Rev. Wm. Adams Brown, M.A., New York City; Herbert A. Smith, B.A., Yale University.

BENNETT PRIZE—Frederick W. Kilbourne, Class of 1894, Sheffield Scientific School.

COBDEN CLUB MEDAL—Edward M. Stothers, Class of 1894, Yale College.

PRIZES AWARDED IN THE ACADEMICAL DEPARTMENT, 1893–94:

DEFOREST PRIZE MEDAL—Class of 1894, John L. Hall.

TOWNSEND PREMIUMS—Class of 1894, Charles D. Kyle, Robert H. Nichols, Ralph D. Paine, Edward B. Reed, George F. VanSlyck.

DEFOREST MATHEMATICAL PRIZES—Class of 1894 (Senior Mathematical Prize), Edward H. Lay; Class of 1895, Walter H. Allen, George Jacobus; Class of 1896, 1st Prize, John M. Gaines; 2d Prize, William L. Henry; 3d Prizes, Fred F. Bennett, William S. Gaylord; Class of 1897, 1st Prize, divided between Arthur W. Ewell and Blachley H. Porter; 2d Prize, Nathan A. Smyth; 3d Prize, Prince H. Tirrell, Jr.

WINTHROP PRIZE—Class of 1895, divided between Frederick M. DeForest and William E. Parsons.

HENRY JAMES TENEYCK PRIZES (for the Junior Exhibition)—Class of 1895, 1st Prize, Clement G. Clarke; 2d Prizes, Julian I. Chamberlain, Samuel B. Darling, Lindsay Denison, Clarence W. Halbert, George A. Lewis, George H. Thomas, Samuel Tyler.

SCOTT PRIZE—Class of 1895, in German, Henry A. Baker.

LUCIUS F. ROBINSON LATIN PRIZES—Classes of 1894 and 1895, 1st Prize, George D. Kellogg, Class of 1894; 2d Prize, Robert H. Nichols, Class of 1894; 3d Prize, Tracy Peck, Jr., Class of 1895; Class of 1896, 1st Prize, Albert G. Keller; 2d Prize, Lewis R. Conklin; 3d Prize, Theodore W. Noon.

C. WYLLYS BETTS PRIZE—Class of 1896, divided between Edward D. Collins and Herbert L. Towle.

COLLEGE PRIZES IN ENGLISH COMPOSITION—Class of 1896, 1st Prizes, Emory Hawes, Rudolph Schwill, William H. Wadhams; 2d Prizes, William M. Hess, Albert G. Keller, Edwin S. Oviatt, Philip C. Peck, Arthur R. Thompson, Robert E. Whalen.

ELOCUTION PRIZES—Class of 1896, in Reading, Fred O. Robbins; in Recitation, Walter H. Clark; in Declamation, William H. Wadhams.

BERKELEY PREMIUMS IN LATIN COMPOSITION—Class of 1897, 1st Grade, Charles Chadwick, Walter D. Makepeace, Bernard W. Pond, Blachley H. Porter, Edward L. Smith, Alexander Wheeler; 2d Grade, Russell E. Colcord, William Darrach, Joseph L. Davis, William H. H. Hewitt, Cornelius P. Kitchel, Huntington Mason.

SPECIAL DEFOREST MATHEMATICAL PRIZE, for high excellence in the Freshman Scholarship Examination—Class of 1897, Graham Sumner.

SPECIAL BERKELEY PREMIUM, for high excellence in the Latin of the Freshman Scholarship Examination—Class of 1897, Charles U. Clark.

HUGH CHAMBERLAIN GREEK PRIZE—Class of 1898, Robert E. Hume, Newton (Mass.) High School, with honorable mention of Zenas M. Briggs, New Bedford (Mass.) High School, Darius E. Peck, Williston Seminary, Easthampton (Mass.) and Henry B. Wright, New Haven (Conn.) High School.

PRIZES AWARDED IN THE SHEFFIELD SCIENTIFIC SCHOOL, JUNE, 1894:

Class of 1894:

FOR EXCELLENCE IN CIVIL ENGINEERING—The Prize divided between George W. Pike, Jr., Silas B. Patterson, and James Walker, Jr. with honorable mention of Paul W. Carhart, William M. Weller, B.A., and Charles B. Brown.

FOR EXCELLENCE IN MECHANICAL ENGINEERING—John C. Peck.

THE BELKNAP PRIZE FOR EXCELLENCE IN GEOLOGY AND ZOOLOGY—Joseph H. Pratt, with honorable mention of Loomis Burrell, Hughes Dayton, William J. Gies, B.S.

Class of 1895:

FOR EXCELLENCE IN ALL THE MATHEMATICS OF THE JUNIOR YEAR—Isaac W. Geer, with honorable mention of Grosvenor N. Allen, Henry S. Hitchcock, Ernest A. Limburger, Frederick E. Newton, and Louis Saxon.

FOR EXCELLENCE IN GERMAN—Allan E. Hall, with honorable mention of Frederick E. Newton.

FOR OPTIONAL WORK IN HISTORY—First Prize, Harry V. Bergen; Second Prize, Louis D. Hopkins; with honorable mention of Hendon Chubb.

Class of 1896:

FOR EXCELLENCE IN ALL THE STUDIES OF THE FRESHMAN YEAR—Clarence L. Collins 2nd, with honorable mention of Lemuel R. Hopton.

FOR EXCELLENCE IN PHYSICS—Clarence L. Collins 2nd, with honorable mention of Lemuel R. Hopton and Richard S. Kirby.

FOR EXCELLENCE IN GERMAN—Clarence L. Collins 2nd, with honorable mention of Lemuel R. Hopton.

FOR EXCELLENCE IN CHEMISTRY—Lemuel R. Hopton, with honorable mention of Lee DeForest.

FOR EXCELLENCE IN MATHEMATICS—Clarence L. Collins 2nd, with honorable mention of Richard S. Kirby.

FOR EXCELLENCE IN MECHANICAL DRAWING—Lemuel R. Hopton, with honorable mention of Henry R. Buck, Clarence L. Collins 2nd, Charles W. Danforth, Ely M. T. Ryder, Howard H. Sutherland.

Class of 1894:

STUDENTS DISTINGUISHED IN THE DEPARTMENT OF MILITARY SCIENCE, whose names will be published in the United States Army Register for 1895—Loomis Burrell, Arthur M. Drummond, Harry P. Disbecker.

PRIZE AWARDED IN THE SCHOOL OF THE FINE ARTS, JUNE, 1894:

ALICE KIMBALL ENGLISH PRIZE—Mary Foote.

PRIZES IN THE MEDICAL SCHOOL, JUNE, 1894:

CAMPBELL GOLD MEDAL—Simon P. Goodhart, PH.B., with honorable mention of Charles E. Bush.

KEESE PRIZE—Divided between Charles F. Craig and Robert O. Moody, B.S.

OBSTETRICAL PRIZE—Edward S. Moulton, M.A.

PRIZES AWARDED IN THE LAW SCHOOL, JUNE, 1894:

TOWNSEND PRIZE, Class of 1894—Harmon S. Graves, B.A.

Committee of Award: Charles Dudley Warner, LL.D., Hartford, Conn., Professor John C. Gray, LL.D., Cambridge, Mass., Robert C. Morris, D.C.L., New Haven, Conn.

JEWELL PRIZE, Class of 1894—Howard A. Couse, B.A.

O. S. SEYMOUR PRIZE, Class of 1894—Thomas F. Farrell.

MUNSON PRIZE, Class of 1894—William B. Bosley, B.A.

BETTS PRIZE, Class of 1895—William R. Begg, B.A.

WAYLAND PRIZES (Yale Kent Club Debate), Class of 1894—First prize, Martin Conlon; Second prize, George R. Montgomery, B.A.; Third prize, George O. Redington.

HONORS:

Degree of M.L., *magna cum laude*

John W. Roby, LL.B.

Degree of M.L., *cum laude*

Roger S. Baldwin, B.A., LL.B.

Degree of LL.B., *summa cum laude*

Howard A. Couse, B.A., William B. Bosley, B.A.

Degree of LL.B., *magna cum laude*

Percy Finlay, B.A., William F. Foster, Matthew A. Reynolds, B.A.

Degree of LL.B., *cum laude*

Herbert O. Bowers, B.A., Richard H. Tyner, James E. Wheeler, B.A., Charles B. Whittlesey.

JUNIOR CLASS:

William R. Begg, B.A., Spencer L. Adams, B.A., Wendell G. Brownson, B.A., Herbert S. Bullard, PH.B., Louis E. Connor, Frank E. Donnelly, B.A., Charles B. Eddy, B.A., Charles V. Henry, William L. Kitchel, B.A., Ambrose I. Moriarty, Joseph S. Peery, Herbert K. Smith, B.A., Charles M. Washington, B.A., Alfred C. Woolner, B.A.

DIRECTORY

The names of *officers* are printed in italics.

The names of students are followed by the designations of their several classes (Grad., Graduate; Sr., Senior; Mid., Middle; Jr., Junior; So., Sophomore; Fr., Freshman; Spec., Special); the names of students have appended also an indication of the Department to which each belongs, viz.:—*a*, Academical Department; *d*, Divinity School; *f*, School of the Fine Arts; *g*, Graduate Courses; *l*, Law School; *m*, Medical School; *mus*, Department of Music; *s*, Sheffield Scientific School.

Names of buildings, etc., are abreviated as follows:

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; C., Old Chapel; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; N., North College; N. S. H., North Sheffield Hall; P., Peabody Museum; S. H., Sheffield Hall; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

Abbott, D. C., *g* W. Haven
Abbott, E. C., *g* W. Haven
Abbott, G. H., Fr. *a* 384 Crown st.
Abbott, L. W., Mid. *m* Bridgeport
Abbott, M. W., *g* W. Haven
Aborn, C. N., Sr. *s* 125 High st.
Adair, R., Sr. *l* 51 Lake pl.
Adams, A. B., Jr. *s* 206 Crown st.
Adams, B., Jr. *a* 414 B.
Adams, D. C., Sr. *a* 7 V.
Adams, E. K., Jr. *s* 135 Wall st.
Adams, F. M., Ass't. 146 Edwards st.
Adams, G. B., Prof. (244 L.) 384 Whitney av.
Adams, J. C., Jr. *a* 389 B.
Adams, M. C., Jr. *a* 145 F.
Adams, S. L., Sr. *l* 213 D.
Adams, T. M., Sr. *s* 43 College st.
Adams, W. A., Instr. 213 D.
Adams, W. R., Grad. *l* 43 Whalley av.
Adee, C. S., So. *a* 1076 Chapel st.
Adee, G. T., Sr. *a* 13 V.
Ahern, G. P., Sr. *l* 82 Wall st.
Ahern, J. G., *f* 84 Wall st.
Aimes, H. H. S., Fr. *s* 552 Chapel st.
Albert, H. L., Jr. *l* 1044 Chapel st.
Aldrich, G. S., Jr. *l* 824 State st.
Alexander, A. C., *g* 71 Dixwell av.
Alexander, E. D., Jr. *a* 314 W.
Alexander, R. S., Jr. *l* 52 Crown st.
Alger, S. C., Jr. *s* 59 Wall st.
Allan, J. L., Jr. *m* 223 York st.
Allen, B. C., Sr. *a* 318 W.
Allen, G. N., Sr. *s* 59 Grove st.
Allen, M. A., *g* 83 Grove st.
Allen, P. R., Jr. *a* 188 C.
Allen, T., Fr. *a* 137 Wall st.
Allen, Walter H., Sr. *a* 123 N.
Allen, Wyatt H., Jr., *s* 131 Grove st.
Alling, A. A., Jr. *a* 274 L.
Alling, A. N., Instr. 214 Crown st.
Allis, F. W., Jr. *s* Wallingford
Alport, J. W., So. *a* 416 B.
Alvord, G. B., Sr. *a* 134 F.
Alvord, S. M., Jr. *a* 112 N.
Anderson, F. T., Fr. *a* 169 West st.
Anderson, H. S., Instr. (GYMN.) 33 Edgewood av.
Anderson, J., Sr. *l* Woodmont
Anderson, R., Sr. *s* 86 Wall st.
Anderson, W. G., Instr. (GYMN.) 315 York st.
Andreen, G. A., Instr. 99 Winch. av.
Andrews, R. F. M., Jr. *l* Stamford
Andrews, W. W., Fr. *a* 250 York st.
Archbald, R. W., Fr. *a* 128 High st.
Archbald, T. F., Jr. *a* 216 D.
Arden, J. L., *g* 22 College st.
Armstrong, G., Jr. *s* 134 College st.
Armstrong, G. H., Jr. *s* 22 College st.
Armstrong, L. P., Mid. *d* 91 W. D.
Armstrong, R., Sr. *s* 131 Grove st.
Armstrong, W., Jr. *a* 254 L.
Arnold, P. W., Jr. *s* 104 Wall st.

Arnold, W. A., Jr. *a* 25 V.
Arnot, R. H., Jr. *l* 251 Crown st.
Arnstein, L., So. *a* 278 L.
Arvine, E. P., Jr. *l* 1169 Chapel st.
Asbill, E. L., Sr. *l* 64 Lake pl.
Ashjian, H. H., Mid. *d* 51 E. D.
Ashley, E. F., Fr. *s* 38 Lynwood st.
Atkins, J. S., Jr. *s* 1044 Chapel st.
Auchincloss, E. S., Jr. *a* 297 W.
Augur, E. M., Spec. *l* 122 Howe st.
Augur, H. B., So. *a* 1016 Chapel st.
Averill, F. L., Sr. *l* 761 Chapel st.
Avery, J. W., *g* 136 Sherman av.
Ayres, W. M., So. *a* 179 LYC.
Babcock, S. D., So. *a* 250 York st.
Bacon, L. B., Jr. *a* 298 W.
Bacon, L. W., Ass't. 294 Elm st.
Bacon, M. A., *f* Newtown
Bade, W. F., Sr. *d* 21 E. D.
Baggaley, R. A., Fr. *s* 1040 Chapel st.
Bailey, D. K., Spec. *s* 59 Wall st.
Bailey, M., Instr. (150 F.) 442 Temple st.
Bailey, P. H., So. *a* 333 WH.
Bailey, W. B., *g* 22 Lynwood st.
Baker, H. A., Sr. *a* 187 C.
Baker, H. D., Jr. *a* 241 L.
Baker, H. N., Fr. *a* 1018 Chapel st.
Baker, O. C., Jr. *a* 73 S. M.
Baker, T. N., Mid. *d* 22 E. D.
Baldwin, A., Jr. *a* 314 W.
Baldwin, A. D., Fr. *a* 1044 Chapel st.
Baldwin, A. R., Fr. *a* 339 WH.
Baldwin, E. C., Sr. *a* 105 N.
Baldwin, M., Jr. *a* 247 L.
Baldwin, R. S., Instr. (69 Church st.) 44 Wall st.
Baldwin, R. S., Sr. *a* 205 D.
Baldwin, S. E., Prof. (69 Church st.) 44 Wall st.
Baldwin, W. D., So. *a* 266 L.
Ball, K., Jr. *a* 1010 Chapel st.
Ball, L. D., Sr. *l* Bridgeport
Ballentine, J. A., Jr. *a* 298 W.
Ballin, M., Jr. *s* 124 Wall st.
Balmer, W. E., So. *a* 94 S. M.
Bamberger, E., Fr. *a* 1044 Chapel st.
Banks, E. S., Sr. *l* Southport
Barbour, G. H., Jr. *s* 24 College st.
Barclay, A. H., Sr. *l* 137 Wall st.
Barclay, C. H., Fr. *a* 343 George st.
Barclay, W. W., Jr. *s* 294 Elm st.
Barker, R. A., So. *a* 357 WH.
Barnard, E. L., So. *a* 85 W. D.
Barnes, A. F., Fr. *s* 452 Orange st.
Barnes, B., Sr. *s* 1442 Chapel st.
Barnes, C. D., So. *a* 357 WH.
Barnes, H. F., Fr. *s* 1187 Chapel st.
Barnes, N. L., Fr. *s* 103 Wall st.
Barnes, T. G., So. *a* 1010 Chapel st.
Barnes, T. M., So. *a* 1076 Chapel st.
Barnes, W. S., Sr. *s* 482 Howard av.
Barnett, J. M., Jr. *s* 31 E. D.
Barnett, W. L., Fr. *a* 27 College st.
Barney, A. H., Fr. *a* 206 D.
Barney, D. N. S., Fr. *s* 419 Temple st.
Barney, S. E., Instr. 346 Whitney av.
Barnum, C. C., *g* 144 Humphrey st.
Barnum, R. N., Fr. *s* 150 College st.
Barstow, G. E., Fr. *s* 311 York st.
Bartlett, A. H., Fr. *a* 14 Home pl.
Bartlett, C. H., Fr. *s* 196 York st.
Bartlett, C. J., Sr. *m* 1016 Chapel st.
Barton, A. R., Sr. *s* 36 Elm st.
Bartram, R. W., Sr. *s* 125 High st.
Bass, L. M., So. *a* 1076 Chapel st.
Bassett, S. E., Fr. *a* 88 Park st.
Bassett, U. S. G., Sr. *a* 1010 Chapel st.
Batcheller, G. E., Sr. *a* 62 V.
Bauman, A. L., Sr. *l* 51 Lake pl.
Baylis, A. B., Fr. *a* 248 York st.
Beach, A. G., Mid. *d* 82 W. D.
Beach, E. W., Jr. *m* 159 Elm st.
Beach, F. E., Instr. 44 Lyon st.
Beach, W. D., So. *a* 9 Library st.
Beadleston, W. L., Sr. *a* 65 V.
Beam, W. P., Sr. *a* 269 L.
Bear, C. E., Fr. *a* 64 Lake pl.
Beard, A. McC., Sr. *a* 294 W.
Beard, E. C., Fr. *s* 119 W. D.
Beard, T. E., Mid. *m* 13 Wooster pl.
Beard, W. M., Jr. *a* 305 W.
Beard, W. S., Jr. *d* 119 W. D.
Beardsley, G. E., Jr. *s* 206 Crown st.
Beardsley, S. F., Sr. *a* 242 L.
Beattie, E. W., Sr. *a* 1 V.
Beatty, J. M., Fr. *s* 154 Grove st.
Beaty, A. H., Jr. *a* 269 L.
Beckwith, R. L., Fr. *a* 114 High st.
Beebe, W., Ass't. Prof. 262 Bradley st.
Beecher, C. E., Ass't. Prof. (9 P.) 313 Crown st.
Beecher, N. B., Fr. *a* 231 York st.
Beeck, E. E., Fr. *a* 215 East st.
Beers, C. W., Fr. *s* 583 Orange st.
Beers, G. E., Ass't. Prof. (157 Church st.) 31 Lake pl.
Beers, H. A., Prof. (171 F.) 25 Vernon st.
Beers, T. H., Fr. *a* 25 Vernon st.

Beers, W. C., Sr. *s* 583 Orange st.
Belden, J. C., Fr. *s* 425 Temple st.
Belding, J. E., Sr. *s* 125 High st.
Belin, P. B., Sr. *s* 137 College st.
Bell, A. W., So. *a* 1076 Chapel st.
Bell, E. F., Fr. *a* 39 Lake pl.
Bell, E. T., Jr. *s* 131 Grove st.
Bellis, J. A., Sr. *l* 94 Lake pl.
Belo, A. H., Jr. *a* 211 D.
Bement, C. R., Fr. *s* 393 Temple st.
Bemis, G. M., Jr. *a* 73 S. M.
Benedict, C. B., Fr. *s* 107 York st.
Benedict H. H., Jr. *a* 2 V.
Benjamin, W. P., Fr. *a* 165 York st.
Benner, B. C., Fr. *a* 96 S. M.
Bennett, B. Y., Jr. *l* 82 Wall st.
Bennett, F. F., Jr. *a* 271 L.
Bennett, H. M., Spec. *s* 82 Wall st.
Bennett, M. T., Fr. *a* 313 W.
Bennett, W., Fr. *s* 258 Church st.
Benson, E. L., Jr. *d* 36 E. D.
Bentley, A. G., Jr. *a* 25 V.
Berdan, J. M., Jr. *a* 23 V.
Bergen, H. V., Sr. *s* 126 Wall st.
Bergin, T. J., Jr. *a* 14 Daggett st.
Bergstrom, G. E., Jr. *s* 395 Temple st.
Bernheim, M. U., Fr. *a* 263 Crown st.
Berry, C. H., Fr. *s* W. Haven
Berry, J. K., Jr. *a* 295 W.
Best, J. W., Fr. *s* 311 York st.
Betts, A. G., Fr. *s* 231 York st.
Betts, E. H., Fr. *a* 231 York st.
Betts, W. R. Fr. *a* 49 V.
Bever, J. L., Fr. *s* 427 Temple st.
Bierkan, A. T., Jr. *l* 138 Lawrence st.
Bill, P. W., Fr. *s* 22 College st.
Billard, F. H., Jr. *a* 1044 Chapel st.
Billings, L. G., Fr. *a* 226 York st.
Bingham, A. W., Jr. *a* 253 L.
Bingham, H., Fr. *a* 125 N.
Bingham, J. C., Sr. *a* 103 N.
Binkhorst, A., Mid. *d* 80 W. D.
Birely, C. W., Jr. *a* 259 L.
Bishop, C. A., Fr. *s* 131 Bradley st.
Bishop, F. C., Sr. *m* 16 Gill st.
Bishop, J. E., Sr. *l* 2 Audubon st.
Bishop, L. B., Ass't. 77 Whitney av.
Bishop, L. M., Jr. *m* 71 Whalley av.
Bishop, W. H., Instr. 241 Lawrence st.
Bissell, A. H., So. *a* 261 Orange st.
Bissell, C. T., Fr. *s* 225 Crown st.
Bissell, L. D., Ass't. 307 W.
Bissell, S., So. *a* 261 Orange st.
Black, W. R., Sr. *s* 126 Wall st.
Blackman, E. C., Fr. *s* 131 Bradley st.
Blackman, W. F., Prof. (7 E. D.) 34 Trumbull st.
Blackstone, L., Fr. *a* 168 F.
Blair, O. R., Jr. *m* 383 Crown st.
Blanchard, I. D., Jr. *m* Bridgeport
Bliss, I., Fr. *a* 270 George st.
Blumenthal, E., Fr. *a* 109 York st.
Boardman, F., So. *a* 1044 Chapel st.
Boardman, R. A., Fr. *s* 347 Orange st.
Bockius, H. G., Fr. *s* 77 Wall st.
Boltwood, B. B., Ass't. 46 College st.
Bond, H. R., Jr. *a* 290 W.
Bonnell, J. F., Fr. *s* 413 Temple st.
Bonner, R. H., *f* 37 Eaton st.
Bookwalter, J. A., Sr. *s* 125 High st.
Booth, F. H., Fr. *a* 109 York st.
Borden, H. S., Fr. *a* 11 V.
Borden, M. S., Sr. *a* A.
Borden, W. A., Libr.(Libr.) 81 Pearl st.
Borg, M. I., Jr. *s* 22 College st.
Borg, S. C., Sr. *s* 1076 Chapel st.
Borg, W. B., Fr. *s* 22 College st.
Born, F. J., Fr. *a* 22 Whalley av.
Bosworth, F. H., So. *a* 1076 Chapel st.
Botsford, J. L., Fr. *s* 413 Temple st.
Bowden, J., Tutor 46 Lake pl.
Bowen, T., Jr. *s* Ansonia
Bownocker, J. A., *g* 17 Lake pl.
Boyer, C. H., Jr. *a* 403 B.
Boyle M., So. *a* 36 V.
Brackett, E. S., So. *a* 1010 Chapel st.
Bradley, J. L., Jr. *m* 29 Whalley av.
Bradley, N. C., Fr. *s* 102 Wall st.
Brainerd, W., Jr. *s* 117 Wall st.
Branch, H. M., Fr. *s* 231 York st.
Brandenberg, A. W. N., Jr. *m* 83 Olive st.
Brastow, L. L., Jr. *a* 128 Wall st.
Brastow, L. O., Prof. (5 E. D.) 128 Wall st.
Breckenridge, G. P., Grad. *l* 2 Audubon st.
Breckenridge, J. E., Jr. *a* 126 N.
Bredt, E. A., Fr. *s* 391 Temple st.
Breeze, T. H., Sr. *l* 44 College st.
Brennan, E. L., Jr. *l* 179 Franklin st.
Brett, T. C., Jr. *s* 36 Gilbert av.
Brett, W. L., Fr. *a* 14 Whalley av.
Brewer, A., Fr. *s* 418 Orange st.
Brewer, E. H., Fr. *s* 58 Grove st.
Brewer, H., *g* A.
Brewer, W. H., Prof. (4 S. H.) 418 Orange st.

Brewster, A. J., So. *a* 82 Whalley av.
Brewster, R. S., So. *a* 22 College st.
Brewster, W. S., Sr. *a* 375 WH.
Briggs, G. L., Jr. *d* 49 E. D.
Briggs, H. H., Jr. *m* 14 Whalley av.
Briggs, Z. M., Fr. *a* 128 N.
Brigham, H., So. *a* 417 B.
Bright R. A., Jr. *s* 310 Elm st.
Brinsmade C. L., Spec. *s* 43 College st.
Brinsmade, D. B., Jr. *a* 274 L.
Brinsmade, D. E., Jr. *s* 217 York st.
Brittain, J. S., Jr. *a* 50 V.
Brocksieper, J. B., Jr. *m* 730 Chapel st.
Brokaw, W. H., Jr. *a* 226 D.
Bromley, J. M., Fr. *a* 101 St. John st.
Bronson, E. H., Jr. *d* 107 W. D.
Bronson, G., *f* 571 Elm st.
Bronson, R. E., Sr. *s* 206 Crown st.
Brooke, G. C., So. *a* 22 College st.
Brookfield, F., So. *a* 1076 Chapel st.
Brookfield, J. H., So. *a* 1076 Chapel st.
Brooks, F. F., Jr. *s* 131 Grove st.
Brooks, J. C., Fr. *a* 233 York st.
Brooks, P. R., Fr. *a* 250 York st.
Brooks, R. C., Sr. *d* 44 E. D.
Brothers, H. V., Jr. *s* 61 Court st.
Brown, A., Jr. *a* 69 V.
Brown, A. F., Jr. *s* 127 College st.
Brown, A. H., So. *a* 150 Shelton av.
Brown, C. B., *g* 79 William st.
Brown, C. P., Fr. *s* 19 Wall st.
Brown, D. J., Fr. *a* 95 S. M.
Brown, E. W., Fr. *s* W. Haven
Brown, F. J., Sr. *l* 263 Orange st.
Brown, F. W., Sr. *s* 44 Elm st.
Brown, G. L., Fr. *s* 389 Temple st.
Brown, H. S., Jr. *a* 418 B.
Brown, J. H., Sr. *a* 154 F.
Brown, J. R., *g* 16 Hughes pl.
Brown, R., Sec'y. Observatory pl.
Brown, T., Fr. *a* 223 York st.
Brown, T. M., So. *a* 325 W.
Brown, W. B., Sr. *l* 17 Broad st.
Brown, W. F., Jr. *a* 147 F.
Brown, W. T., Sr. *d* 15 E. D.
Brownell, E. E., Sr. *s* 22 College st.
Brownell, E. H., Sr. *l* 225 Crown st.
Brownell, E. L., Sr. *s* 22 College st.
Browning, P. E., Instr. (Kent Lab.) 106 Howe st.
Brownson, C. L., Tutor (351 WH.) 79 Edwards st.
Brownson, W. G., Sr. *l* 83 Elm st.
Brubacher, A. R., So. *a* 88 S. M.
Brumder, A. J., Jr. *l* 1142 Chapel st.
Bryant, G. C., Sr. *a* 262 L.
Bryant, H. A., Sr. *a* 42 Winchester av.
Bryant, S. J., Sr. *l* W. Haven
Bryson, J. H., Fr. *s* 389 Temple st.
Buchner, E. F., Instr. 186 Crown st.
Buchwalter, R. Z., Fr. *a* 473 Elm st.
Buck, G. S., Jr. *a* 174 F.
Buck, H. R., Jr. *s* 127 College st.
Buckingham, C. H., Fr. *s* 103 Wall st.
Buckingham, E. T., Sr. *a* Bridgeport
Buckland, E. G., Instr. (153 Church st.) 83 Elm st.
Buckner, M. N., Sr. *a* 65 V.
Bughman, G. B., Jr. *s* 160 Grove st.
Buist, G. L., Jr. *a* 149 F.
Bulkley, G. E., Jr. *a* 285 W.
Bullard, H. S., Sr. *l* Hartford
Bumstead, A., Sr. *a* 159 F.
Bumstead, H. A., Instr. (119 WINCH.) 83 Grove st.
Bunce, A., Fr. *a* 261 Crown st.
Bunn, H. W., *g* 22 Lynwood st.
Bunnell, G. L., Jr. *s* 39 Lake pl.
Bunnell, O. G., Ass't. 96 York sq.
Burchard, R. C., Sr. *s* 285 York st.
Burge, F. W., Sr. *a* 7 Library st.
Burgess, F. M., So. *a* 226 Whalley av.
Burke, E. M., Sr. *l* 64 Lake pl.
Burlingame, E. W., Fr. *a* 53 Lake pl.
Burnet, J. B., Fr. *a* 353 WH.
Burnet, R. W., So. *a* 353 WH.
Burnett, C. W., So. *a* 64 High st.
Burnham, J. L., Jr. *a* 181 LYC.
Burns, R. H., Sr. *a* 123 N.
Burr, J. M., *f* Monroe
Burr, N. A., Fr. *a* 266 York st.
Burrell, D. D., Fr. *a* 208 D.
Burrell, D. H., Jr. *s* 421 Temple st.
Burrell, L., Ass't. 421 Temple st.
Burroughs, H. C. Sr. *l* Bridgeport
Burtner, W. H., Grad. *l* 38 Elm st.
Burton, J. P., Jr. *s* 117 Wall st.
Burton, W. W., Jr. *l* 1119 Chapel st.
Bush, W. E., Fr. *s* W. Haven
Bushée, G. A., Mid. *d* 34 E. D.
Bushnell, C. C., *g* 16 Perkins st.
Butler, E. I., Fr. *a* 107 York st.
Butler, G. E., Sr. *a* 557 Howard av.
Butler, G. H., Clerk (5 TR.) 136 Dwight st.
Butler, H. E., Fr. *a* 1157 Chapel st.
Butler, J. I., Fr. *s* 557 Howard av.
Butterworth, F. S., Sr. *a* 45 V.

Butterworth, L. H., Fr. *a* 111 York st.
Buttrick, H. E., Sr. *a* 408 B.
Byers, D. C., Fr. *a* 1079 Chapel st.
Byrne, M. J., Sr. *l* 4 Church st.
Cable, B. S., Sr. *a* 30 V.
Cable, W. H., Jr. *l* 92 Crown st.
Cadwalader, B. L., Fr. *a* 159 Elm st.
Cady, E. H., Sr. *s* 42 Elm st.
Cahn, A., Sr. *s* 18 Warren st.
Cahn, B. J., Jr. *a* 254 L.
Cain, G. A., So. *a* 97 N.
Caldwell, W. G., Sr. *s* 132 Wall st.
Callanan, W. P., Fr. *a* 547 Howard av.
Callender, R., Fr. *a* 327 W.
Calyer, W. J., So. *a* 84 S. M.
Cameron A. G., Ass't Prof. 18 Trumbull st.
Cameron, W. S., Fr. *s* 133 Wall st.
Campbell, A. S., Fr. *a* 95 S. M.
Campbell, H. G., So. *a* 367 WH.
Campbell, J., Prof. Hartford
Candee, Z. P., Jr. *s* 83 Park st.
Canty, W. L., Jr. *l* Bridgeport
Capen, W. C., Jr. *s* 127 College st.
Carey, G. W., Sr. *l* Stratford
Carey, H. B., Jr. *a* 251 L.
Carey, H. W., So. *a* 9 Library st.
Carle, R. W., So. *a* 1076 Chapel st.
Carleton, T., Jr. *a* 192 C.
Carley, J. A., Jr. *a* 890 Chapel st.
Carlson, G. B., Sr. *a* 119 N.
Carlton, E. W., Fr. *s* 141 College st.
Carmalt, G. W., *f* 87 Elm st.
Carmalt, W. H., Prof. 87 Elm st.
Carmody, T. F., Sr. *l* 87 Olive st.
Carpenter, A. F., Sr. *a* 249 L.
Carroll, T. F., Sr. *l* 87 Olive st.
Carson, W., Sr. *a* 167 F.
Carter, I. S., Spec. *s* 63 Crown st.
Carter, L. R., Fr. *s* 397 Temple st.
Carter, W. F., Sr. *a* 222 D.
Case, L. M., Sr. *s* 482 Howard av.
Case, O., Jr. *l* 189 Wooster st.
Cassidy, G. E., Jr. *l* Bridgeport
Cathcart, S. M., Sr. *d* 58 Mansfield st.
Catlin, E. H., Jr. *s* 217 York st.
Cerf, S. B., Fr. *s* 51 Lake pl.
Chace, M. G., Jr. *s* 206 Grove st.
Chace, W. W., Jr. *a* 54 V.
Chadwick, C., So. *a* 421 B.
Chamberlain, A. R., Fr. *s* 57 Prospect st.
Chamberlain, J. I., Sr. *a* 303 W.
Chamberlin, B. C., Fr. *s* 27 High st.
Champlin, J. D., Fr. *s* 61 Grove st.
Chandler, G. P., Sr. *a* 6 V.
Chandler, W. W., Jr. *a* 158 F.
Chapin, C. H. B., Jr. *s* 287 York st.
Chapman, C. D., Jr. *s* 124 Wall st.
Chapman, F. S., Jr. *s* 62 W. D.
Chapman, H. W., Jr. *a* 98 N.
Charnley, C. M., So. *a* 22 College st.
Charnley, D., Jr. *a* 405 B.
Chase, F. H. *g* 51 Trumbull st.
Chase, F. L., Ass't Astron. Observ'y.
Chase, G. B., Sr. *a* 100 N.
Chauncey, G. S., Fr. *s* 250 York st.
Cheeswright, F. H., *mus* 527 Chapel st.
Cheney, B. A., Ass't. Prof. 40 Elm st.
Cheney, C. D., Fr. *a* 223 York st.
Cheney, H. M., Sr. *l* 225 Crown st.
Cheney, R. O., Jr. *s* 104 Wall st.
Cheney, W., Jr. *a* 265 L.
Chester, C. M., Fr. *s* 226 York st.
Cheyney, C. B., Sr. *a* 160 F.
Chiba, K. S., *g* 438 Elm st.
Chickering, E. C., Jr. *a* 147 F.
Child, C. G., Sr. *m* 1161 Chapel st.
Chipman, E. D., Jr. *m* 49 Pine st.
Chisholm, W. K., Fr. *a* 268 L.
Chisolm, R. S., So. *a* 1044 Chapel st.
Chittenden, A. S., Jr. *a* 129 F.
Chittenden, C. M., Fr. *a* 1142 Chapel st.
Chittenden, R. H., Prof. (63 B. L.) 83 Trumbull st.
Chivers, E. E., Jr. *s* 206 Crown st.
Chubb, H., Sr. *s* 250 York st.
Chunn, F., Sr. *l* 567 Howard av.
Church, U. G., Sr. *a* 119 N.
Church, W., So. *a* 337 WH.
Churchill, W., So. *a* 153 F.
Claghorn, K. H., *g* 83 Grove st.
Clapp, A. W., Fr. *a* 343 George st.
Clark, A. B., Fr. *s* 77 Wall st.
Clark, A. R., Sr. *a* 32 V.
Clark, B., Fr. *a* 242 York st.
Clark, C. B., Fr. *a* 170 York st.
Clark, C. U., So. *a* 85 W. D.
Clark, E. L., Fr. *a* 398 B.
Clark, G. H., Jr. *s* 125 Spring st.
Clark, H. B., Fr. *a* 328 W.
Clark, James E., Fr. *s* 14 Jefferson st.
Clark, John E., Prof. (40 N. S. H.) 445 Orange st.
Clark, M. T., Fr. *s* 393 Temple st.
Clark, O. M., Fr. *a* 127 N.
Clark, R. E., Fr. *a* 314 Crown st.

Clark, T. B., Jr. *a* 8 V.
Clark, W. F., So. *a* 88 S. M.
Clark, W. H., Jr. *a* 112 N.
Clarke, C. F., Grad. *d* Whitneyville
Clarke, C. G., Sr. *a* 219 York st.
Clarke, G. C., Sr. *s* 137 College st.
Clarke, T. L., So. *a* 325 W.
Clausen, G. U., Fr. *s* 22 College st.
Cleland, F. B., Jr. *s* 103 Wall st.
Clemons, C. F., Sr. *a* 107 N.
Cleveland, A. F., Fr. *a* 118 York st.
Clifton, H. T., Sr. *s* 233 York st.
Clough, C. E., Sr. *a* 103 N.
Clouse, J. H., Fr. *a* 8 Pearl st.
Cobb, F. M., So. *a* 236 Crown st.
Coburn, H. P., Sr. *s* 22 College st.
Cochran, A. S., Jr. *a* 64 V.
Cochrane, A. D., Jr. *s* 250 York st.
Coe, G. H., Sr. *s* 134 College st.
Coe, J. D., Fr. *a* 1204 Chapel st.
Coe, W. R., Ass't. 2 Hillhouse av.
Coffin, H. S., So. *a* 140 F.
Coffin, T. R., Jr. *s* 22 College st.
Cogswell, H. B., Fr. *a* 151 F.
Cohane, J. J., Jr. *m* 27 Haven st.
Cohane, T. F., Jr. *m* 276 Wallace st.
Coit, A., Fr. *s* 61 W. D.
Coit, C., Jr. *a* 251 L.
Coleman, C. B., Jr. *a* 188 C.
Coleman, D. W., Sr. *l* Cheshire
Coles, N. B., Jr. *l* 1044 Chapel st.
Colgate, C., Fr. *s* 242 York st.
Colgate, R., Jr. *a* 211 D.
Collier, C. W., Mid. *d* 91 W. D.
Collins, C., Jr. *a* 407 B.
Collins, C. L., Jr. *s* 75 Mansfield st.
Collins, E. D., Jr. *a* 190 C.
Colston, G. A., Fr. *a* 163 York st.
Colton, A. W., Instr. 90 S. M.
Colton, M. A., Fr. *a* 93 S. M.
Colton, W. P., Jr. *a* 297 W.
Comley, W. H., So. *a* 296 W.
Commiskey, A. F., Jr. *s* 124 Wall st.
Comstock, E. H., So. *a* 1044 Chapel st.
Comstock, L. A., Sr. *a* 131 F.
Comstock, M. S., Sr. *a* 209 D.
Condict, W. R., Jr. *s* 127 College st.
Conklin, L. R., Jr. *a* 143 F.
Conlan, M., Spec. *l* 116 Nicoll st.
Conly, W. P., Jr. *a* 81 S. M.
Connell, E. H., Sr. *a* 127 College st.
Conner, L. E., Sr. *l* 2 Audubon st.
Connor, T. M., So. *a* 819 Chapel st.
Converse, E. J., Mid. *d* 83 W. D.
Converse, J. C., So. *a* 348 WH.
Conyngham, H., Sr. *s* 43 College st.
Cook, A. S., Prof. (135 Elm st.) 219 Bishop st.
Cook, C. S., Sr. *a* 3 V.
Cooke, C. H., Fr. *s* 55 W. D.
Cooke, C. M., So. *a* 55 W. D.
Cooke, J. A., Mid. *m* 159 Orange st.
Cooke, W. E., Sr. *a* 53 V.
Cooke, W. G., So. *a* 266 L.
Coolidge, C. E., Sr. *s* 210 Prospect st.
Coombs, G. M., Sr. *l* 193 Whalley av.
Coonley, F., Jr. *a* 186 C.
Cooper, A. W., So. *a* 82 Wall st.
Cooper, J. E., Sr. *a* 375 WH.
Copp, W. M., Sr. *a* 37 V.
Corbin, W. R., Jr. *s* 313 York st.
Corbitt, W. H., Jr. *a* 39 V.
Corlies, A., Fr. *s* 250 York st.
Corning, P., Sr. *a* 255 L.
Corr, J. J., Jr. *l* Bridgeport
Corwin, B. F., Sr. *a* 333 Crown st.
Corwin, R. N., Instr. 333 Crown st.
Cowan, G. S., Fr. *a* 250 York st.
Cowdrey, N. H., Fr. *a* 163 York st.
Cowdrey, W. T., So. *a* 378 WH.
Cowee, H. D., Sr. *s* 36 Elm st.
Cowin, W. B., Jr. *s* 22 College st.
Cox, A. B., Sr. *a* 148 F.
Cox, P. B., Fr. *s* 393 Temple st.
Cox, T. H., Jr. *l* 58 Mill st.
Cox, W. H., Sr. *l* 31 Trumbull st.
Cox, W. O. D., Fr. *s* 393 Temple st.
Coyle, C. T., Sr. *l* 235 Washington st.
Craig, G. M., *f* 16 Gill st.
Cram, G. E., Fr. *s* 263 Orange st.
Crane, J. T., Fr. *a* 242 York st.
Crane, O. G., Fr. *s* 679 Chapel st.
Crane, P. W., Sr. *a* 172 F.
Crane, R. T., Sr. *s* 131 Grove st.
Cranford, W. I., *g* 305 George st.
Crawford, J. L., Jr. *s* 125 High st.
Creelman, H., Instr. 183 Lawrence st.
Cristy, J. C., Jr. *s* 310 Elm st.
Crosby, F. M., So. *a* 390 B.
Crosby, R. M., Fr. *a* 330 W.
Cross, H. P., Jr. *a* 219 D.
Cross, W. L., Instr. 78 Whalley av.
Cross, W. R., Jr. *a* 24 V.
Crowell, R. H., Fr. *a* 233 York st.
Cruttenden, W. B., Jr. *l* 371 Crown st.
Cuneo, J. J., Jr. *l* S. Norwalk
Curran, H. H., Fr. *a* 270 L.
Curry, S. S., Instr. 12 E. D.

Curtis, E. L., Prof. (12 E. D.) 61 Trumbull st.
Curtis, F. B., So. *a* 192 York st.
Curtis, H. S., Sr. *a* 43 Whalley av.
Curtis, M. G., So. *a* 179 LYC.
Curtiss, A. L., Jr. *a* 28 V.
Curtiss, C. A., Sr. *s* 295 York st.
Cushing, F. D., Sr. *s* 295 York st.
Cutler, A. A., *g* 284 Orange st.
Cutting, J. D., Sr. *s* 1076 Chapel st.
Daggett, L. M., Instr. (828 Chapel st.) 60 Wall st.
Damon, S. E., Jr. *a* 204 D.
Dana, E. S., Prof. (4 P.) 119 Grove st.
Dana, J. D. Prof. 24 Hillhouse av.
Dana, R. T., Jr. *s* 226 York st.
Danforth, C. W., Jr. *s* 63 Clark st.
Daniel, M., Mid. *d* 8 E. D.
Darling, G. E., Sr. *a* 250 L.
Darling, S. B., Sr. *a* 9 V.
Darrach, W., So. *a* 355 WH.
Darte, F. G., Jr. *s* 22 College st.
Dater, A. W., Sr. *s* 43 College st.
Davidson, W. W., *g* 701 Chapel st.
Davies, E. W., Fr. *s* 147 College st.
Davies, H., *g* 701 Chapel st.
Davies, J. H., Fr. *s* 147 College st.
Davis, A. S., Jr. *a* 177 F.
Davis, B., Sr. *a* 26 V.
Davis, De W., So. *a* 114 High st.
Davis, E. L., Jr. *a* 203 D.
Davis, J. L., So. *a* 1016 Chapel st.
Davis, J. S., Sr. *s* 131 Grove st.
Davis, L., Sr. *l* S. Norwalk
Davis, M., Jr. *s* 101 Wall st.
Davis, T. B., Fr. *s* 226 York st.
Davis, W., So. *a* 373 Crown st.
Davison, E. S., *g* Waterbury
Dawson, H. S. *g* 142 Dwight st.
Day, A. L., Instr. (Sloane Lab.) 25 High st.
Day, C., Instr. 25 High st.
Day, C. S., Jr. *a* 39 V.
Day, E. M., Jr. *l* 58 W. D.
Day, G. E., Dean (3 E. D.) 125 College st.
Day, G. P., So. *a* 36 V.
Day, H. G., Instr. 83 Elm st.
Day, H. V., Sr. *s* 42 Elm st.
Day, S., Jr. *a* 61 V.
Day, S. S., Fr. *s* 108 High st.
Dayton, E. F., Jr. *a* 91 S. M.
Dean, L. M., Jr. *a* Bridgeport
Dean, W. B., Jr. *s* 37 College st.
Deans, J., Mid. *d* 95 W. D.
Debevoise, T. M., Sr. *a* 286 W.
DeCamp, C. B., So. *a* 202 D.
Decker, M. L., Jr. *l* 205 Crown st.
Defendorf, A. R., Jr. *m* 473 Elm st.
DeForest, F. M., Sr. *a* 342 WH.
deForest, H. L., So. *a* 273 L.
deForest, J., Jr. *a* 290 W.
DeForest, L., Jr. *s* 407 Temple st.
DeForest, L. S., Ass't. Prof. 54 Wall st.
DeGolyer, L. N., Sr. *s* 131 Grove st.
DeGolyer, R. S., Fr. *s* 127 College st.
Delano, M., Fr. *a* 283 Crown st.
Delano, W. A., Sr. *a* 317 W.
Deming, D. B., Fr. *s* 297 York st.
Deming, L. F., Jr. *s* 368 Quinnipiac st.
Dench, W. L., Sr. *a* 242 L.
Denison, L., Sr. *a* 342 WH.
deSibour, J. G. H., Jr. *a* 68 V.
Deutsch, H., Grad. *l* 423 Temple st.
DeVine, G. L., *f* 555 Howard av.
Dewell, J. D., Grad. *l* 400 Orange st.
DeWitt, C., Jr. *a* 305 W.
Dexter, F. B., Sec'y. (Libr.) 178 Prospect st.
Dick, J. M., Sr. *d* 2 E. D.
Dickerman, E. S., *g* 15 Lake pl.
Dickerman, S. O., Jr. *a* 15 Lake pl.
Dickson, J. W. Sr. *d* 13 E. D.
Ditman, N. E., Jr. *s* 114 High st.
Dixon, J. W., Sr. *a* 132 F.
Dodd, F. C., So. *a* 60 W. D.
Dodge, F. P., Jr. *a* 254 Crown st.
Dodge, M. J., Fr. *a* 270 Crown st.
Doig, S. G., Jr. *l* 99 Howe st.
Dominick, L., Sr. *a* 301 W.
Dominick, W. F., Fr. *a* 1040 Chapel st.
Donnelly, F. E., Sr. *l* 82 Broadway
Doroff, S. S., Sr. *l* 30 George st.
Dotzert, A. J., Fr. *a* 60 Lyon st.
Doud, C. H., So. *a* 155 Elm st.
Douglas, D., Fr. *s* 310 Elm st.
Douglas, K. R., Fr. *s* 310 Elm st.
Douglass, J. H., Jr. *a* 55 V.
Douglass, R. G. D., Fr. *a* 334 WH.
Dowell, P., *g* 53 Winchester av.
Downes, M. T., So. *a* Wallingford
Downey, J. I., Fr. *s* 137 College st.
Downs, E. S., Fr. *a* 92 Clark st.
Downs, H. C., Jr. *s* 332 Temple st.
Drake, G. S., So. *a* 1044 Chapel st.
Drake, J. P., Fr. *s* 46 Elm st.
Draper, A. J., So. *a* 22 College st.

Draper, J. A., Sr. *a* 45 V.
Dresser, F. G., Fr. *a* 107 York st.
Drew, A. C., Fr. *s* 99 Howe st.
Driggs, H. P., Sr. *a* 315 W.
Drown, W. N., Jr. *a* 252 L.
Drummond, J. T., Jr. *s* 131 Grove st.
Drury, F. W., Sr. *s* 42 Elm st.
DuBois, A. J., Prof. (129 WINCH.) 258 Bradley st.
Duckworth, W. K., Sr. *s* 86 Wall st.
Dudley, P. E., Fr. *a* 134 Howe st.
Dunbar, C. S., Jr. *s* 318 Elm st.
Duncan, G. M., Prof. 28 York sq.
Duncan, W. H., Jr. *l* 92 W. D.
Dunn, J. J., Sr. *a* 921 Grand av.
Dunning, H. W., *g* 473 Elm st.
duPont, F. I., Sr. *s* 127 College st.
Durant, H. R., Grad. *l* 128 State st.
Durfee, E. L., Jr. *a* 259 L.
Dutton, J. F., Jr. *m* 59 Goffe st.
Dwight, B. H., Sr. *a* 16 V.
Dwight, T., Pres. (7 TR.) 126 College st.
Dwight, W. E., *g* 126 College st.
Dyer, T., Sr., *a* 29 V.
Eagle, J. F., Jr. *a* 329 W.
Eakin, W. S., Sr. *a* 317 W.
Eames, M. D., Fr. *a* 1044 Chapel st.
Earling, G. P., Fr. *s* 159 York st.
Eaton, D. C., Prof. (76 B. L.) 70 Sachem st.
Eaton, J. B., Jr. *d* 76 W. D.
Eby, B. F., So. *a* 1010 Chapel st.
Eccleston, H. W., Jr. *s* 19 Wall st.
Eckhardt, A. E., *f* 299 York st.
Eddy, D. B., Fr. *a* 261 L.
Eddy, D. L., Fr. *a* 261 L.
Edgerton, E. S., Jr. *s* Ansonia
Edgerton, J. W. *g* Middletown
Edwards, E. A., Fr. *s* 37 College st.
Edwards, G. H., Fr. *s* 29 Beers st.
Eells, S. W., Sr. *a* 300 W.
Eggers, A. H., Jr. *s* 124 Wall st.
Eggleston, A. H., Sr. *a* 172 F.
Eggleston, J. W., Fr. *s* A.
Eggleston, T. E., Spec. *m* 337½ Howard av.
Ehrich, M. W., Fr. *a* 1044 Chapel st.
Eicholtz, L. H., Sr. *s* 1044 Chapel st.
Eldridge, J. G., Jr. *a* 98 N.
Elkin, W. L., Astron. 477 Prospect st.
Elliott, J., Sr. *a* 219 York st.
Ellis, G., Fr. *a* 1142 Chapel st.
Ellis, T. L., Jr. *m* 347 Crown st.
Ellsworth, E. B., Jr. *l* 57 Grove st.
Elmore, E. F., Sr. *a* 218 D.
Eltz, L. von, Instr. 714 State st.
Ely, F. J., Fr. *s* 421 Temple st.
Ely, M. U., Fr. *a* 1204 Chapel st.
Ely R. F., So. *a* 1044 Chapel st.
Emerson, E. O., Fr. *a* 263 Crown st.
Emmons, F. L., So. *a* 1010 Chapel st.
Emmons, H. N., Sr. *s* 124 Wall st.
Epler, P. H., Mid. *d* 78 W. D.
Eppens, E. H., Mid. *d* 98 W. D.
Erving, W. G., Fr. *a* 352 WH.
Evans, C. S., So. *a* 1010 Chapel st.
Evans, D. H., Jr. *d* 115 W. D.
Evans, E., Sr. *d* 87 W. D.
Evans, M. W., *f* 32 Trumbull st.
Evans, P. S., Sr. *a* 106 N.
Evans, R. L., Fr. *a* 65 Grove st.
Evans, S. E., Sr. *d* 79 W. D.
Everitt, S. A., Sr. *a* 148 F.
Evers, S. J., Sr. *d* 29 E. D.
Ewell, A. W., So. *a* 2 University pl.
Ewell, J. L., So. *a* 2 University pl.
Ewing, A. B., Sr. *s* 131 Grove st.
Faduma, O., Grad. *d* 45 E. D.
Fahy, J. A., Jr. *m* 343 Cedar st.
Fairbanks, A., Instr. (10 E. D.) 433 Temple st.
Fairbanks, C., *g* 77 Grove st.
Fankhauser, C. K., Mid. *d* 84 W. D.
Faris, M. B., So. *a* 159 Elm st.
Farnam, C. H., Sr. *s* 131 Grove st.
Farnam, G. B., So. *a* 166 F.
Farnam, H., Sr. *a* 9 V.
Farnam, H. W., Prof. 43 Hillhouse av.
Farnam, W. W., Treas. (5 TR.) 335 Prospect st.
Farnham, B. W., Jr. *s* Westville
Farnsworth, C. R., Fr. *s* 55 Trumbull st.
Farr, C. E., Fr. *a* 413 B.
Farr, H. A., Jr. *a* 186 C.
Farren, E. H., Jr. *s* Fair Haven
Farwell, J. A., Sr. *s* 131 Grove st.
Fassett, F. J., Fr. *a* 37 Lynwood st.
Fearey, M. L., Fr. *a* 53 Lake pl.
Fearey, M. S., Fr. *a* 53 Lake pl.
Feeter, G. I., Sr. *s* 42 Elm st.
Feeter, S. S., Fr. *s* 397 Temple st.
Fenn, A. H., Lecturer Winsted
Fennelly, E. G., Sr. *s* 7 Library st.
Fenner, D. C., Jr. *s* 127 College st.
Fergus, R. C., Grad. *l* 94 Lake pl.
Ferrin, A. W., So. *a* 159 Elm st.

Ferris, H. B., Ass't. Prof. 317 Crown st.
Ferris, S. J., Jr. *m* 192 Davenport av.
Ferris, W. H., Sr. *a* 87 Eaton st.
Ferry, G. J., So. *a* 1010 Chapel st.
Ferry, N. S., Fr. *s* 266 Edgewood av.
Fewsmith, J. L., Fr. *a* 128 Wall st.
Field, W. P., Jr. *a* 400 B.
Fields, H. A., Sr. *s* 126 Wall st.
Fiero, C. B., Jr. *s* 145 College st.
Finch, E. R., Sr. *a* 237 D.
Fincke, C. L., Jr. *a* 227 D.
Fincke, C. M., So. *a* 178 LYC.
Fisher, G. P., Prof. (9 E. D.) 27 Hillhouse av.
Fisher, H. J., Jr. *a* 265 L.
Fisher, H. M., So. *a* 84 Lyon st.
Fisher, H. W., Fr. *a* 459 Prospect st.
Fisher, I., Ass't Prof. 460 Prospect st.
Fisher, L. G., So. *a* 22 College st.
Fisher, M. B., Jr. *d* 41 E. D.
Fitch, A. P., Fr. *a* 373 Crown st.
Fitch, H. W., *f* Westville
Fitch, L., Fr. *a* 166 York st.
Fite, E. D., So. *a* 413 Temple st.
Fitzgerald, D. E., Sr. *l* 307 Oak st.
Fitzgerald, T. F., So. *a* 114 N.
Fitzhugh, C. H., Jr. *a* 20 V.
Fitzpatrick, J. M., Jr. *l* 289 Hamilton st.
Flaherty, M., Jr. *a* 225 D.
Fleischner, H., Lect'r. 928 Grand av.
Fletcher, H., Fr. *a* 406 B.
Flinn, G. H., Fr. *s* 391 Temple st.
Flint, W. R., Fr. *a* 51 Lake pl.
Flower, N. M., Jr. *s* 43 College st.
Flynn, J. H. J., Sr. *m* 159 Elliott st.
Follis, R. H., Sr. *s* 59 Wall st.
Folsom, E. B., Spec. *l* W. Haven
Foote, A. E., Jr. *a* 230 D.
Foote, C. J., Demonstrator 305 Howard av.
Foote, H. W., Sr. *s* Suburban st.
Foote, M., *f* 12 Mansfield st.
Foote, S. K., Sr. *a* 237 D.
Foote, W. H., Fr. *s* 629 Chapel st.
Forbes, E. H., *g* 17 Lake pl.
Forbes, F. A., Jr. *a* 241 L.
Ford, W. B., Jr. *a* 316 W.
Ford, W. W., Spec. *s* 99 Wall st.
Forepaugh, J. L., Jr. *s* 43 College st.
Forepaugh, W. F., Jr. *s* 107 Wall st.
Forrest, R. E., Fr. *a* 248 York st.
Foster, H. N., Jr. *s* 220 Orange st.
Foster, J. P. C., Instr. 109 College st.
Foster, R., Lecturer N. Y. City
Foster, W. F., Grad. *l* 190 Mansfield st.
Foutch, A. E., Sr. *d* 90 W. D.
Fowler, C. J., Fr. *a* 364 WH.
Fowler, C. V., Jr. *a* 248 L.
Fowler, H. T., *g* 1010 Chapel st.
Fowler, M. W., *f* 101 Humphrey st.
Fowler, W. K., Sr. *a* 255 L.
Francis, J. D. P., Fr. *s* 395 Temple st.
Frank, G. S., Sr. *s* 42 Elm st.
Frank, J., Jr. *a* 248 L.
Franklin, F. S., Sr. *a* 1 V.
Fredericks, J. J., Sr. *s* 139 Elm st.
Freeman, G. H., Fr. *s* 407 Temple st.
French, A. S., Fr. *s* 395 Temple st.
French, W. P., Fr. *s* 99 Wall st.
Frey, J. L., So. *a* 1010 Chapel st.
Frissell, L. F., Sr. *a* 235 D.
Fuller, C. A., Jr. *a* 145 Olive st.
Fuller, J. H., Fr. *a* 190 C.
Fullerton, E. G., *g* Bridgeport
Furbeck, R. J., Fr. *s* 332 Temple st.
Furbush, A. C., So. *a* 87 S. M.
Gaffney, C. J., Fr. *s* W. Haven
Gage, C. B., Fr. *a* 178 Columbus av.
Gager, E. B., Instr. Birmingham
Gaines, F. W., Jr. *a* 203 D.
Gaines, J. M., Jr. *a* 422 B.
Gaines, M. W., Fr. *a* 422 B.
Galacar, F. R., Sr. *a* 176 F.
Gale, C. S., Sr. *a* 336 WH.
Gales, W. S., Fr. *a* 75 Broadway
Gallaudet, H. D., Fr. *a* 256 L.
Gallup, C. M., Fr. *s* 373 Crown st.
Galt, A. T., Fr. *a* 47 V.
Garneau, H. C., Sr. *s* 59 Wall st.
Garrison, E. E., So. *a* 180 LYC.
Garrison, R. T., Fr. *a* 293 York st.
Garrison, W. E., Mid. *d* 92 W. D.
Garth, J. D., So. *a* 1010 Chapel st.
Garvan, F. P., So. *a* 156 F.
Gates, L. H., *f* Derby
Gavin, M., Sr. *a* 285 W.
Gay, R. H., Fr. *a* 340 WH.
Gaylord, W. S., Jr. *a* 201 D.
Geer, I. W., Sr. *s* 57 Prospect st.
Gehrmann, C. F., Fr. *a* 1096 Chapel st.
Geissenhainer, F. W., Fr. *s* 405 Temple st.
Gerard, J. M., Fr. *s* 203 York st.
Gerard, S. K., So. *a* 344 WH.
Gerhard, A. H., Fr. *a* 170 York st.
Gerhard, J. R. So. *a* 356 WH.

Gibbs, J. W., Prof. (Sloane Lab.) 121 High st.
Gibson, G. J., Sr. *a* 304 W.
Gies W. J., *g* 35 Lynwood st.
Gilbert, F. M., Fr. *a* 401 B.
Gilbert, H. C., Ass't. (Libr.) 6 University pl.
Gilbert, J. A., Ass't. (109 Elm st.) 34 Hillhouse av.
Gildersleeve, C. C., Mid. *m* 226 Crown st.
Gill, M. H. R., Mid. *m* 226 Crown st.
Gillespie, D. H. M., Fr. *a* 78 Lake pl.
Gillespie, T. H., Fr. *s* 397 Temple st.
Gillette, C., So. *a* 22 College st.
Gillette, G. W. F., Jr. *s* 9 Eld st.
Gilmore, R. C., So. *a* 63 W. D.
Gilmour, A. J., Sr. *s* 36 Elm st.
Glaenzer, R. B., Fr. *a* 226 York st.
Gleason E. H., Sr. *a* 110 N.
Glendinning, M., Fr. *a* 254 York st.
Gloth, C. F., So. *a* 120 High st.
Godard, G. S., Sr. *d* 6 E. D.
Godchaux, E., Jr. *a* 67 V.
Godchaux, W., Fr. *a* 1079 Chapel st.
Goetchius, J. E., Sr. *s* 43 College st.
Goldsmith, O., Fr. *a* 205 Crown st.
Gompertz, L. M., Mid. *m* 43 Artizan st.
Gooch, F. A., Prof. (Kent Lab.) 388 Whitney av.
Good, J. E., Sr. *a* 16 V.
Goodbody, M., Fr. *s* 159 York st.
Goodell, T. D., Prof. A.
Goodman, C. E., Fr. *a* 373 Crown st.
Goodman, R. J., Jr. *a* 281 L.
Goodwin, C. A., Fr. *a* 270 Crown st.
Goodwin, F. C., Sr. *a* 58 V.
Goodwin, W. L., So. *a* 331 WH.
Gould, R. H., Fr. *a* 1179 Chapel st.
Gould, W. H., Fr. *s* 150 College st.
Goulding, P. S., Fr. *a* 103 Park st.
Gowans, T. M., Jr. *a* 67 V.
Graham, A., Sr. *l* 427 Temple st.
Graham, M. *g* 136 Sherman av.
Grandin, G. W., Fr. *a* 261 Crown st.
Granniss, I., Mid. *m* Fair Haven
Grant, A. H., Jr. *a* 192 C.
Grant, F. L., Sr. *d* 70 W. D.
Grant, J. H., Mid. *d* 50 E. D.
Grant, L. C., Sr. *d* 14 E. D.
Grant, R. J., Fr. *s* 413 Temple st.
Granville, W. A., Instr. (46 N. S. H.) 96 Greene st.
Graves, R. S., Jr. *m* 101 Grove st.
Graves, W. L., Fr. *s* 250 York st.
Gray, G. Z., Jr. *a* 24 V.
Gray, H. L., Fr. *s* 17 Home pl.
Grece, P. W., Fr. *a* 2 Audubon st.
Green, G., *g* 1233 Chapel st.
Green, J. S., Sr. *l* 125 Park st.
Greene, H. R., Jr. *a* 257 L.
Greene, L. F., Fr. *a* 219 York st.
Greene, M. L., *g* 14 University pl.
Greenway, G. C., Fr. *s* 99 Wall st.
Greenway, J. C., Sr. *s* 131 Grove st.
Greer, D. H., Lecturer N. Y. City
Gregory, E. E., So. *a* 159 York st.
Gregory, J. L., Fr. *s* 24 Home pl.
Griffith, F. L., Jr. *a* 239 D.
Griffith, W. F. R., Fr. *s* 116 College st.
Griggs, J. B., Jr. *m* 383 George st.
Griggs, M., Jr., *a* 80 S. M.
Griggs, T. W., Sr. *s* 131 Grove st.
Grippin, W. J., Fr. *s* 118 College st.
Griswold, G., Fr. *s* 22 College st.
Griswold, M., *g* A.
Gross, C. W., Fr. *a* 250 York st.
Grove, H. S., Jr. *s* 120 High st.
Gruener, G. F., Ass't. Prof. (276 L.) 522 Howard av.
Gruener, H. R., Ass't. (LIBR.) 522 Howard av.
Gunther, W., Sr. *s* 22 College st.
Gurnee, G. H., Sr. *a* 262 L.
Hackett, W. H., *g* 143 West st.
Hadley, A. T., Prof. 93 Whitney av.
Haesche, W. E., *mus* 246 Atwater st.
Hailman, G. L., Jr. *s* 150 Grove st.
Haines, A. H., Jr. *d* 53 Trumbull st.
Halbert, C. W., Sr. *a* 111 N.
Halbert, H. T., Sr. *a* 111 N.
Haldeman, R. C., Jr. *a* 253 L.
Hale, E., Fr. *a* 49 V.
Hall, A. E., Sr. *s* 295 York st.
Hall, C. H., Fr. *s* 36 Lyon st.
Hall, G. E., Grad. *l* 212 Wooster st.
Hall, H. A. L., Sr. *l* 81 Church st.
Hall, J. A., Fr. *s* 212 Wooster st.
Hall, J. B., Fr. *s* 52 E. D.
Hall, J. L., Jr. *l* 67 Grove st.
Hall, J. S., Sr. *s* Ansonia
Hall, J. W., Sr. *s* 103 Wall st.
Hall, R. W., Sr. *s* 88 Trumbull st.
Hall, S. R., Sr. *s* 43 College st.
Hall, W. M., Sr. *s* 135 College st.
Hall, W. R., Sr. *l* 97 Lake pl.
Hamill, P. W., Fr. *a* 166 York st.
Hamilton, J. A., Fr. *a* 9 Library st.
Hamilton, L., Sr. *a* 306 W.

Hamilton, R. D., So. *a* 136 F.
Hamilton, T., Fr. *a* 203 York st.
Hamlin, E. B., Jr. *a* 46 V.
Hamlin, F. H., Sr. *a* 41 V.
Hamlin, G. W., Sr. *a* 107 N.
Hamlin, L. B., Fr. *s* 393 Temple st.
Hamlin, P. D., Jr. *a* 239 D.
Hamlin, R. A., Sr. *s* 131 Grove st.
Hammond, C. N., Sr. *a* 229 D.
Hammond, M., *g* 83 Grove st.
Hanford, G. A., Fr. *a* 413 B.
Hanington, R. W., Jr. *s* 332 Temple st.
Hanson, H. R., Jr. *s* 135 College st.
Hare, W. H., Jr. *s* 43 College st.
Harger, J. C., Ass't. (Libr.) 14 University pl.
Harkness, E. S., So. *a* 140 F.
Harmar, J., *g* A.
Harrington, A. T., Jr. *d* 120 W. D.
Harris, F. J., Sr. *a* 312 W.
Harris, H. W., Sr. *a* 309 W.
Harris, M. A., *g* 75 Broadway
Harris, N. M., Sr. *l* 64 High st.
Harris, S., Prof. (1 E. D.) 144 College st.
Harrison, A. C., Fr. *a* 1204 Chapel st.
Harrison, F. B., Sr. *a* 31 V.
Harrison, P. W., Sr. *l* 52 Hillhouse av.
Hart, J. H., Fr. *a* 9 Library st.
Hart, L. F., Sr. *s* 99 Wall st.
Hart, W. A., So. *a* 19 Warren st.
Hart, W. H., Jr. *s* 88 Wall st.
Hart, W. N., Jr. *l* 311 Crown st.
Hartshorn, W. M., Fr. *a* 24 High st.
Hartung, H. H., Jr. *m* 259 St. Ronan st.
Hartwell, H. L., Sr. *d* 88 W. D.
Haskell, W., Sup't. (Reading Room) 96 Dwight st.
Hastings, C. S., Prof. (120 WINCH.) 248 Bradley st.
Hatch, G. B., Jr. *a* 263 L.
Hatch, H. A., Fr. *a* 1204 Chapel st.
Hatfield, W. E., Spec. *m* 406 Orchard st.
Havemeyer, J. F., Jr. *s* 42 Elm st.
Havens, F. S., Jr. *a* 281 L.
Hawes, E., Jr. *a* 182 LYC.
Hawkes, H. E., Jr. *a* 146 F.
Hawkins, W. D., Sr. *l* 671 Chapel st.
Hawley, G. W., Jr. *s* 250 York st.
Hawley, H. W., Sr. *l* Bridgeport
Hawley, L. S., Sr. *s* 65 W. D.

Hay, A. S., Fr. *a* 5 V.
Hay, C. E., Fr. *a* 29 High st.
Haydock, G. S., So. *a* 350 WH.
Hayes, A. P., Fr. *a* 83 Park st.
Haynes, C. S., Grad. *d* Berlin, Germany
Hazen, J. J., Fr. *a* 96 S. M.
Healy, W. P., Jr. *s* 204 Grove st.
Heard, C. C., Jr. *a* 137 F.
Heaton, A., Fr. *s* 419 Temple st.
Heaton, H., Fr. *a* 1142 Chapel st.
Heaton, W. W., Jr. *a* 335 WH.
Hebard, D. L., Fr. *a* 159 Elm st.
Hedges, G. L., Jr. *a* 74 S. M.
Heermance, E. L., So. *a* 83 Wall st.
Heermance, T. W., *g* Athens, Greece
Heermans, J., Sr. *a* 58 V.
Heffelfinger, C. E., So. *a* 332 WH.
Heidrich, E. C., Jr. *a* 201 D.
Helfenstein, W. L., Jr. *a* 8 V.
Heller, I. M., Jr. *m* 95 St. John st.
Heltman, A. F., Jr. *d* 41 E. D.
Hemenway, C. R., So. *a* 356 WH.
Hench, N. P., Fr. *a* 1142 Chapel st.
Henderson, Y., Sr. *a* 249 L.
Hendrick, B. J., Sr. *a* 506 Howard av.
Hennessey, J. F. J., Fr. *a* 641 State st.
Henry, C. V., Ass't. 266 York st.
Henry, W. L., Jr. *a* 75 Kensington st.
Henshaw, T. D., Mid. *d* 53 E. D.
Herman, F. W., Sr. *d* 20 E. D.
Herman, J. E., *g* 555 Howard av.
Herrity, J. E., Jr. *m* 102 Ward st.
Hess, W. M., Jr. *a* 64 W. D.
Hewitt, J. J., Jr. *s* 206 Crown st.
Hewitt, W. H. H., So. *a* 65 Dixwell av.
Hewlett, L., Sr. *a* 310 W.
Hickok, R. A., Fr. *s* 61 Grove st.
Hickok, W. O., Sr. *s* 131 Grove st.
Hickox, G. H., Jr. *s* 198 Edgewood av.
Higgins, J. J., Fr. *a* 569 Grand av.
High, S. T., Sr. *a* 1016 Chapel st.
Hill, C. L., Sr. *a* 131 F.
Hill, D. A., Sr. *s* 126 Wall st.
Hill, E., So. *a* 343 WH.
Hill, F. A., Sr. *l* Norwalk
Hill, J. W., Sr. *d* 32 E. D.
Hill, R. F., So. *a* 114 N.
Hilton, J. R., So. *a* 1010 Chapel st.
Hinckley, B. B., So. *a* 381 WH.
Hincks, H. W., Fr. *a* 314 Crown st.
Hincks, R. S., So. *a* 1161 Chapel st.

Hine, C. P., Fr. *s* 46 Hillhouse av.
Hinkey, F. A., Sr. *a* 222 D.
Hinkey, L., So. *a* 393 B.
Hinkle, P., So. *a* 78 S. M.
Hinsdale, F. G., Fr. *a* 217 York st.
Hintz, O. G. W., Jr. *s* 1176 Chapel st.
Hitchcock, A. H., So. *a* 79 Wall st.
Hitchcock, C. M., *g* 34 Hillhouse av.
Hitchcock, H. A., *f* Long Meadow, Mass.
Hitchcock, H. S., Sr. *s* 295 York st.
Hitchcock, J. L., Fr. *s* 60 Grove st.
Hitchcock, L., Fr. *a* 114 High st.
Hitchcock, R., Fr. *s* 114 High st.
Hitt, R. R., Fr. *a* 5 V.
Hjetland, J. H., Sr. *d* 97 W. D.
Hobart, E. W., Sr. *a* 246 L.
Hobbs, N. W., Fr. *s* 117 Wall st.
Hoeninghaus, F. W., Jr. *a* 335 WH.
Hoffman, E. A., Fr. *s* 143 College st.
Hoffman, H. L. M., So. *a* 88 Park st.
Hoffman, T. C., So. *a* 120 High st.
Hogan, J. J., Spec. *m* 625 Grand av.
Hogan, W. J., Jr. *m* 314 George st.
Holbrook, C. W., Mid. *m* 541 Howard av.
Holbrook, R. T., *g* Paris, France
Holcomb, F. A., Jr. *s* 528 Chapel st.
Holcomb, H. C., Sr. *s* 200 Oak pl.
Holcombe, H. G., So. *a* 333 WH.
Holden, B. M., Sr. *l* 60 Whalley av.
Holden, G. R., So. *a* 157 F.
Holden, L. H., Sr. *a* 220 D.
Holden, R. W., So. *a* 380 WH.
Hollister, G. C., Jr. *a* 283 W.
Hollister, J. C., Jr. *a* 283 W.
Holme, P. H., Fr. *a* 311 York st.
Holston, B. B., Jr. *l* 9 Library st.
Hone, J. B., Sr. *a* 17 V.
Hood, W. D., *g* 40 Whalley av.
Hooker, F. T., Jr. *a* 75 S. M.
Hooker, H., Jr. *s* New Britain
Hooker, J. F., Sr. *a* 6 V.
Hoole, L. P., Jr. *a* 145 F.
Hopkins, C. V., Jr. *a* 35 V.
Hopkins, L. D., Sr. *s* 238 Whalley av.
Hopkins, W. P., Sr. *l* Bridgeport
Hoppin, J. M., Prof. (12 Art School) 47 Hillhouse av.
Hopton, L. R., Jr. *s* 13 Lake pl.
Horton, J. B., Jr. *a* 272 L.
Hotchkiss, F. E., Sup't. (1 Tr.) 90 High st.
Hotchkiss, P. L., Fr. *a* 1044 Chapel st.
House, A. L., Sr. *m* Milford
Housel, L. W., So. *a* 16 Eld st.
Howard, A. L., Jr. *m* 430 Orchard st.
Howard, F. E., Jr. *s* 116 W. D.
Howard, G. M., Sr. *s* 88 Wall st.
Howarth, J. A., Jr. *l* 34 Vernon st.
Howe, E., Fr. *a* 223 D.
Howe, J. F., So. *a* 22 College st.
Howe, W. T. H., Instr. 53 Prospect st.
Howe, W. W., Lecturer New Orleans, La.
Howes, E. T., Fr. *s* 150 College st.
Howland, M. S., So. *a* 382 WH.
Hoyt, F. M., Sr. *s* 130 Wall st.
Hoyt, S. E., Fr. *s* 309 Howard av.
Hoyt, W. S., Jr. *a* 57 V.
Hubbell, B., So. *a* 90 Park st.
Hubbell, G. M., Jr. *m* 1179 Chapel st.
Hubbell, H. C., *f* Newtown
Hubbell, W. S., So. *a* 369 WH.
Hubby, F. W., Sr. *a* 101 N.
Hüpfel, A. G., Spec. *s* 62 Lake pl.
Hughes, A. B., Sr. *a* 309 W.
Hughes, G., So. *a* 22 College st.
Hugo, G. J., Spec. *m* 1235 State st.
Hulbert, G. H., Fr. *s* 1136 Chapel st.
Hulbert, R., Jr. *m* 139 Elm st.
Hume, E. H., So. *a* 381 WH.
Hume, R. E., Fr. *a* 24 Home pl.
Hume, R. S., Fr. *a* 261 Crown st.
Humphrey, H. S., Fr. *s* 405 Temple st.
Hungerford, W. C., Sr. *l* New Britain
Hunt, A. E., Jr. *a* 216 D.
Hunt, A. M., *g* 1142 Chapel st.
Hunt, A. S., Jr. *s* 332 York st.
Hunt, C. J., So. *a* 267 Orange st.
Hunt, J. L., Sr. *a* 334 York st.
Huntington, A. Z., Sr. *s* 134 College st.
Hurlburt, A. S., Fr. *s* 145 College st.
Hurlburt, E. B., Ass't. 145 College st.
Hurlburt, F. S., Fr. *s* 118 Howe st.
Husinsky, M. J., *g* 94 George st.
Hutchins, A. E., Ass't. (LIBR.) 203 Norton st.
Hutchins, J. L., Sr. *a* 116 N.
Hutchinson, J. A., Jr. *a* 320 W.
Huxford, F. W., Fr. *a* 281 Crown st.
Hyde, C. C., Sr. *a* 292 W.
Hyde, H. N., Sr. *a* 336 WH.
Ilfeld, L. C., So. *a* 123 York st.
Ingersoll, C. A., Ass't. 24 Elm st.
Ingersoll, J., Jr. *s* 24 Elm st.

Ingersoll, J. W. D., Tutor 399 B.
Ingham, C. S., *g* 2 Hillhouse av.
Ingham, H. M., Fr. *s* 419 Temple st.
Inman, H. M., Fr. *s* 43 College st.
Ireland, A. F., Fr. *s* 199 York st.
Irwin, V. J., Spec. *m* Springfield, Mass.
Israeli, S. M., Sr. *s* 208 Grove st.
Ives, A. S., Jr. *m* 339 Temple st.
Ives, C. E., Fr. *a* 76 S. M.
Ives, F., Sr. *a* 478 Orange st.
Ives, G. M., Jr. *a* 35 V.
Jackson, F. S., Jr. *a* 414 B.
Jackson, H. C., Jr. *s* 78 Lake pl.
Jackson, I. S., Sr. *s* 88 Wall st.
Jackson, J. F., Sr. *s* 15 Fillmore st.
Jackson, J. R., Fr. *s* 43 College st.
Jackson, S. W. Fr. *a* 314 Crown st.
Jackson, W. P., Fr. *a* 27 High st.
Jacobs, W. S., Jr. *s* 84 Wall st.
Jacobus, G., Sr. *a* 139 F.
James, F. P., Sr. *a* 311 W.
James, T. M., Fr. *a* 20 Whalley av.
Jansen, F. I., Sr. *s* 133 Wall st.
Jay, J., Fr. *a* 1044 Chapel st.
Jeffcott, R. C., Fr. *s* 39 Lynwood st.
Jeffrey, F. M., Jr. *a* 89 S. M.
Jenkins, J. S., Jr. *l* Stamford
Jennings, W. B., Sr. *s* 285 York st.
Jente, W. J. E., So. *a* 97 Bristol st.
Jepson, H. B., Organist 52 Howe st.
Jerrems, A. N., Jr. *s* 88 Wall st.
Jewett, R. S., Fr. *s* Bridgeport
Johnson, A., Sr. *s* 125 Dwight st.
Johnson, A. E., Jr. *d* 77 W. D.
Johnson, E., Jr. *s* 117 Wall st.
Johnson, F. B., Jr. *a* 77 S. M.
Johnson, G. T., Jr. *s* 84 Greene st.
Johnson, H. W., Sr. *d* 27 E. D.
Johnson, J. A., Sr. *l* 1044 Chapel st.
Johnson, J. B., *g* 45 Whalley av.
Johnson, J. E., Fr. *a* 300 Elm st.
Johnson, L., Fr. *a* 313 York st.
Johnson, L. A., Sr. *s* 43 College st.
Johnson, L. B., Fr. *a* 159 York st.
Johnson, P. A., Jr. *d* 81 W. D.
Johnson, R., Sr. *s* 86 W. D.
Johnson, S. F., So. *a* 79 Wall st.
Johnson, S. W., Prof. 54 Trumbull st.
Johnson, T. B., Fr. *s* Ansonia
Johnson, W. B., Fr. *a* 352 WH.
Johnston, H. S., Jr. *a* 252 L.
Johnston, J. H., Fr. *s* 1161 Chapel st.
Jones, A. C., Jr. *a* 84 William st.
Jones, C. C., Fr. *a* 116 High st.
Jones, E. C., Sr. *a* 84 William st.
Jones, E. L., Fr. *s* 393 Temple st.
Jones, H., Mid. *d* 106 W. D.
Jones, J. O., Sr. *d* 19 E. D.
Jones, L. C., Jr. *a* 126 N.
Jones, M. H., Mid. *m* 1161 Chapel st.
Jones, W., Jr. *d* 106 W. D.
Jordan, A. L., Jr. *l* 226 Crown st.
Jordan, F. W., Sr. *s* 88 Wall st.
Jordan, I. M., Sr. *a* 3 V.
Jordan, M., *f* 1292 Chapel st.
Jordan, W. S., Jr. *a* 226 D.
Joseph, G. E., Grad. *l* Warwick, N. Y.
Judd, A. F., So. *a* 377 WH.
Judd, J. R., So. *a* 377 WH.
Judson, J. R., Fr. *a* 157 York st.
Judson, W. P., Jr. *l* 204 Winthrop av.
Julin, C. E., Fr. *a* 191 C.
Kasmirsky, M., So. *a* 1010 Chapel st.
Katayama, S. J., Sr. *d* 33 E. D.
Kauffman, B. B., So. *a* 368 WH.
Kauffman, H. M., So. *a* 368 WH.
Keator, H. M., So. *a* 338 WH.
Keeler, F. D., Sr. *l* 117 Elm st.
Keeler, R. B., Fr. *s* 250 York st.
Keeler, W. P., So. *a* Dwight Hall
Keller, A. G., Jr. *a* 402 B.
Kelley, A. W., Fr. *s* 56 W. D.
Kellogg, C. P., So. *a* 412 B.
Kellogg, C. W., Mid. *m* 100 York sq.
Kellogg, G. D., Sr. *a* 108 N.
Kellogg, H. H., Jr. *l* 40 Whalley av.
Kellogg, L. D., Fr. *a* 75 Broadway
Kellogg, M., Fr., *a* 22 College st.
Kellogg, W. C., Jr. *a* 174 F.
Kelly, D. B., Sr. *l* 60 Whalley av.
Kelly, J. L., Sr. *m* 68 George st.
Kelly, R., Jr. *a* 407 B.
Kelly, W., Fr. *s* 61 W. D.
Kelsey, E. R., So. *a* 379 WH.
Kendall, E. G., Sr. *a* 522 Winthrop av.
Kendall, G. F., Jr. *m* 522 Winthrop av.
Kendall, J. M., Sr. *a* 522 Winthrop av.
Kenerson, V., Steward 1018 Chapel st.
Kennaday, P., Sr. *a* 22 V.
Kennedy, E. B., *g* 150 High st.
Kennedy, M., Jr. *s* 125 High st.
Kennedy, S. R., Fr. *a* 90 High st.
Kent, A. E., So. *a* 279 L.
Kent, N. A., Sr. *a* 279 L.

Kernan, T., Sr. *s* 67 Ashmun st.
Kernochan, F., Fr. *a* 12 V.
Kerr, A. B., So. *a* 361 WH.
Kerr, M. R., Sr. *d* 15 E. D.
Kershow, M. H., Sr. *a* 52 V.
Ketchum, E. P., Fr. *a* 1044 Chapel st.
Kettle, J. B., Sr. *d* 24 E. D.
Keyser, W., Sr. *a* 7 V.
Kilborne, R. S., Fr. *s* 391 Temple st.
Kilbourn, C. L., Jr. *m* 20 Woolsey st.
Kilbourne, F. W., *g* Meriden
Kimball, C. A., Sr. *a* 139 F.
Kimball, J. H., Mid. *d* 113 W. D.
Kimbley, F. R., So. *a* 372 WH.
Kimura, S., *g* 18 Gill st.
King, E. B., Fr. *a* 168 York st.
King, F. A., Sr. *a* 37 V.
King, G. L., Sr. *l* Meriden
King, N. C., Jr. *s* 117 Wall st.
King, R. H., Fr. *s* 132 Wall st.
King, S., So. *a* 411 B.
King, W., Jr. *s* 332 Temple st.
Kingman, T. S., Jr. *a* 21 V.
Kingsbury, G. O., Jr. *s* 117 Wall st.
Kingsbury, H. D., Fr. *a* 170 York st.
Kingsbury, W. S., Mid. *m* 381 Crown st.
Kingsley, C., Sr. *a* 238 D.
Kinney, T. S., Jr. *a* 232 D.
Kip, H. S., Jr. *a* 51 V.
Kip, W. R., Fr. *s* 250 York st.
Kirby, R. S., Jr. *s* 317 Crown st.
Kirk, W. E. J., Fr. *s* 200 Grove st.
Kitchel, C. L., Instr. 331 Temple st.
Kitchel, C. P., So. *a* 372 WH.
Kitchel, W. L., Sr. *l* 83 Elm st.
Klett, G. W., Sr. *l* 82 Broadway
Klimpke, P., *g* 53 Prospect st.
Knapp, H. H., Lecturer Bridgeport
Knapp, J. H., Jr. *a* 215 D.
Knapp, S., Jr. *d* 118 W. D.
Kneeland, H. T., So. *a* 324 W.
Koehler, J. H., Fr. *a* 1138 Chapel st.
Konig, J. A., Fr. *s* 978 Chapel st.
Kountze, B. W., Fr. *s* 113 Wall st.
Kountze, H. D., So. *a* 113 Wall st.
Kountze, L. L., So. *a* 113 Wall st.
Kraemer, E., Sr. *l* 2 Audubon st.
Krause, F. O., Sr. *d* 89 W. D.
Kreider, D. A., Ass't. (Kent Lab.) 266 York st.
Kreider, W. H., Jr. *l* 59 Prospect st.
Kron, N. E., *g* 150 St. John st.
Lackland, E. C., Jr. *a* 287 W.
Ladd, G. E., Jr. *d* 121 W. D.
Ladd, G. T., Prof. (275 L.) 204 Prospect st.
Ladd, L. W., Sr. *a* 204 Prospect st.
Laden, M. R., Jr. *m* Wallingford
Lake, F. M., *f* 137 College st.
Lamb, G. B. B., Jr. *l* 584 Chapel st.
Lampman, L. B., Jr. *a* 220 D.
Lane, E. L., Jr. *s* 59 Grove st.
Lane, G. C., Fr. *s* 219 York st.
Lane, H. A., Fr. *s* 99 Howe st.
Lang, H. R., Ass't. Prof. 331 Temple st.
Langford, G., Fr. *s* 413 Temple st.
Langzettel, G. H., Ass't. (Art School) 725 Whitney av.
Lanphear, G. A., Jr. *s* 17 Lake pl.
Lanphier, R. C., Fr. *s* 13 Lake pl.
Lapham, H. G., So. *a* 348 WH.
Lapham, W. J., So. *a* 157 F.
Latimer, F. P., So. *a* 371 WH.
Laughlin, T. M., Fr. *s* 61 Grove st.
Lawbaugh, E. A., Sr. *m* 339 George st.
Lawrence, A. W., So. *a* 345 WH.
Layng, J. D., Sr. *s* 88 Wall st.
Lea, C. E., Jr. *s* 206 Crown st.
Leahy, D. T., Fr. *a* 406 B.
Leavenworth, C. S., Jr. *a* 75 Howe st.
Ledyard, A. C., Fr. *a* 1079 Chapel st.
Ledyard, H., So. *a* 1076 Chapel st.
Lee, F. C., Jr. *a* 28 V.
Lee, F. L., Sr. *a* 306 W.
Lee, H., Jr. *s* 113 Wall st.
Lee, H. B., Sr. *a* 141 F.
Lee, J. A., Sr. *a* 229 D.
Leeds, N., Sr. *s* 130 Wall st.
Leete, I. P., So. *a* 2 Audubon st.
Lehlbach, F. A., Fr. *a* 1010 Chapel st.
Lehlbach, F. R., So. *a* 1010 Chapel st.
Leland, C. W., Jr. *s* 42 Elm st.
Leland, E. L., *f* Middlefield
Lenahan, C. B., Jr. *a* 240 D.
Leonard, F. C., Jr. *l* 32 Trumbull st.
Lester, R. M., Fr. *s* 389 Temple st.
Letcher, W. R., Fr. *a* 7 Library st.
Letton, H. W., Fr. *s* 413 Temple st.
Levens, W. S., Sr. *l* 82 Broadway
Levi, A. D., Sr. *a* 4 V.
Levy, D. M., Sr. *a* 4 V.
Levy, L. S., Fr. *a* 50 Park st.
Lewis, A. I., Fr. *a* 173 F.
Lewis, D. M., So. *a* 438 George st.
Lewis, G. A., Sr. *a* 92 S. M.
Lewis, J. H., So. *a* 92 S. M.
Limburger, E. A., Sr. *s* 1040 Chapel st.

Lindenberg, C. R., Sr. *s* 132 Wall st.
Lindley, W. P., Jr. *s* 285 York st.
Lindsley, C. A., Prof. 15 Elm st.
Lindsley, G., So. *a* 1044 Chapel st.
Lindsley, V., Fr. *a* 199 York st.
Lineaweaver, J. I. ,So. *a* 180 LYC.
Little, N. P., *g* 56 Whalley av.
Little, W. W., Sr. *s* 78 Pearl st.
Littlejohn, P. D., Jr. *m* 64 Lake pl.
Livermore, J. R., Fr. *a* 10 V.
Lobenstine, E. C., Sr. *a* 59 V.
Lobenstine, R. W., Jr. *a* 59 V.
Lockman, J. Q., Fr. *a* 208 D.
Lockwood, E. H., Instr. 57 N. S. H.
Lockwood, J. L., Sr. *a* 143 F.
Lockwood, L. E., *g* 92 York sq.
Lockwood, T. B., Sr. *a* 318 W.
Loeb, M. L., Jr. *m* 200 Franklin st.
Loewi, O., Fr. *a* 53 Lake pl.
Long, E. M., Sr. *l* 64 Lake pl.
Longacre, J. M., Jr. *a* 157 F.
Loomer, L. L., Jr. *l* Derby
Loomis, C. W., Grad. *d* 75 W. D.
Loomis, H. A., Jr. *a* 227 D.
Loomis, H. F., Sr. *a* 310 W.
Loomis, J. S., Jr. *m* 314 Crown st.
Lord, F. A., Fr. *a* 1460 Chapel st.
Lord, S. E., Jr. *d* 107 W. D.
Lorillard, L. L., Fr. *s* 132 Wall st.
Lothrop, D. B., Sr. *a* 144 F.
Loughran, C. K., Jr. *a* 320 W.
Lounsbury, T. R., Prof. 22 Lincoln st.
Loveland, A. E., Jr. *m* E. Grand av.
Lovell, H. B., Jr. *a* 385 B.
Low, W. G., So. *a* 22 College st.
Lowe, W. I., Instr. 238 Whalley av.
Lowenberg, L., Fr. *s* 252 York st.
Lowndes, L., Sr. *a* 233 D.
Lowndes, R. T., Sr. *a* 233 D.
Luckey, F. R., *g* 189 Bradley st.
Lukens, P. B., Sr. *a* 55 Prospect st.
Lum, B. B., Fr. *s* 19 Compton st.
Lund, W. M., Jr. *s* 65 W. D.
Luquiens, F. B., So. *a* 201 Bishop st.
Luquiens, J., Prof. (102 High st.) 201 Bishop st.
Lusk, G., Ass't. Prof. (28 Medical School) 28 Elm st.
Lusk, R., Jr. *a* 295 W.
Lusk, W. C., Jr. *s* 71 W. D.
Lutz, A. R., Sr. *d* 17 E. D.
Lyman, D. B., Sr. *a* 42 V.
Lyman, E. B., Sr. *a* 60 V.
Lyman, P. H., Fr. *a* 1079 Chapel st.
Lynch, B. E., Sr. *l* 149 Norton st.
Lynch, F. H., Jr. *d* 43 E. D.
Lynch, F. M., So. *a* 1010 Chapel st.
Mabie, C. A., Jr. *s* 101 W. D.
MacBride, T. P., So. *a* 223 York st.
McCahill, T. J., Spec. *l* 22 College st.
McCallum, G. B., So. *a* 337 WH.
McCalmont, D. B., Fr. *s* 263 Orange st.
McCance, C. M., So. *a* 64 High st.
McCandless, H. D., Fr. *s* 90 Wall st.
McCarthy, C. F., Jr. *s* 116 Davenport av.
McCarthy, D. J., Fr. *a* 22 Whalley av.
McCaughey, W. S., Sr. *l* 60 Whalley av.
McClintock, E. A., Jr. *l* 159 York st.
McCormick, W. L., Fr. *a* 383 George st.
McCoy, F., So., *a* 236 Crown st.
McCrea, A. M., Fr. *s* 150 Grove st.
McCrea, J. A., Sr. *s* 43 College st.
McCullagh, J. H., Jr. *s* 22 College st.
McDermott, H. E., Jr. *a* 268 Orchard st.
Macdonald, R., Jr. *l* 64 W. D.
McDonald, T. D., So. *a* 387 B.
McDonnell, R. A., Ass't. 312 Elm st.
McElroy, C. E., Jr. *s* 131 High st.
McEnerney, W., Sr. *s* 65 York sq.
McFadden, W. A., Jr. *a* 299 W.
McFarlan, G. S., So. *a* 114 High st.
McFarland, B. W., *g* 420 Temple st.
Macfarland, C. S., Jr. *d* 85 W. D.
McFarland, J. S., Fr. *s* 395 Temple st.
McGee, H. L., Jr. *s* 146 College st.
McGraw, T. A., Fr. *a* 199 York st.
MacGregor, J., Sr. *a* 43 V.
McGuire, F. J., Jr. *m* 244 Ferry st.
McIntire, T. B., Jr. *m* 7 Park st.
McIntosh, E. F., Jr. *m* 53 Lake pl.
McIntosh, F. G., Fr. *a* 224 D.
McIntosh, M., *f* 321 Water st.
McKee, L., Sr. *a* 293 W.
McKee, M. D., Jr. *a* 228 D.
McKell, J. D., Sr. *a* 40 V.
McKesson, B., Fr. *a* 159 Elm st.
Mackey, C. F., Jr. *a* 34 V.
McKim, L., So. *a* 324 W.
McLanahan, G. X., Jr. *a* 322 W.
McLane, G. R., Sr. *a* 33 V.
McLane, T. S., Fr. *a* 223 D.
McLaren, G. S., Jr. *a* 75 S. M.
McLauchlan, J. C., Fr. *a* 254 York st.

MacLauchlan, S., Spec. *l* 59 Bishop st.
McMaster, G. T., Jr. *m* 6 High st.
McMillan, F. D., Jr. *s* 131 High st.
McNamara, A. J., Mid. *m* 38 Lynwood st.
McNeille, J. R., So. *a* 376 WH.
McQuaid, H. P., Sr. *s* 181 Orchard st.
McQuaid, P. A., Fr. *a* 181 Orchard st.
McVey, E. H., Jr. *l* 64 Whalley av.
McVey, F. L., *g* 64 Whalley av.
McWilliams, R., So. *a* 376 WH.
Maddox, K., So. *a* 22 College st.
Maher, E. J., Grad. *l* 212 Orange st.
Maher, J. S., Mid. *m* 212 Orange st.
Makepeace, W. D., So. *a* 382 WH.
Male, F. S., Fr. *a* 168 F.
Mallon, N. B., Jr. *a* 329 W.
Manchester, W. G., Jr. *l* 166 Peck st.
Manice, A. R., So. *a* 22 College st.
Manifold, J. H., Jr. *l* 59 Prospect st.
Mansfield, B. F., Jr. *s* 12 Academy st.
Marble, F. E., *g* 7 E. D.
Marcellus, G. A., Jr. *s* 125 High st.
Markham, E. W., Fr. *a* 93 S. M.
Marks, R. A., Sr. *a* 210 D.
Marsh, E., Sr. *s* 134 College st.
Marsh, F. T., Sr. *s* 437 Orange st.
Marsh, G. T., Fr. *a* 1016 Chapel st.
Marsh, O. C., Prof. (8 P.) 360 Prospect st.
Marsh, S. J., Sr. *l* 2 Audubon st.
Marshall, S. A., Fr. *a* 152 Grove st.
Marshall, S. S., Fr. *a* 364 George st.
Marshall, W. C., Ass't. 152 Grove st.
Martin, C. M., Jr. *a* 41 High st.
Marty, J. G., Jr. *s* 31 Trumbull st.
Martyn, F. S., Jr. *l* 97 Olive st.
Marvin, E. R., Jr. *s* 206 Crown st.
Mason, H., So. *a* 22 College st.
Mason, J. S., Fr. *a* 261 Crown st.
Mason, N. R., So. *a* 383 B.
Mason, R. B., Sr. *a* 30 V.
Massey, B. M., Jr. *a* 282 L.
Massey, G. B., Sr. *s* 86 W. D.
Massey, I. M., Fr. *a* 107 York st.
Mather, R., Fr. *s* 247 St. Ronan st.
Mather, W. L., Jr. *s* 247 St. Ronan st
Mathews, F. W., Jr. *a* 415 B.
Mathews, H. W., Jr. *a* 732 Orange st.
Mathews, W. H., Fr. *s* Ansonia
Mathison, F. H., Jr. *a* 2 Audubon st.
Matthewman, J. A., Jr. *l* 561 Howard av.
Mead, D. I., So. *a* 326 W.
Mead, L. G., So. *a* 347 WH.
Medler, E. L., Sr. *l* 2 Audubon st.
Meeker, S. G., Jr. *l* Bridgeport
Meigs, C. E., Sr. *s* 59 Grove st.
Meigs, W., Fr. *a* 1145 Chapel st.
Meinken, H., Fr. *s* 46 Elm st.
Melick, D. B., Sr. *a* 134 F.
Mendel, L. B., Instr. (63 B. L.) 22 Trumbull st.
Mendell, M. B., Sr. *l* 17 Lake pl.
Mercer, N. S., Fr. *s* 150 College st.
Merrill, C. C., Jr. *d* 105 W. D.
Merrill, C. E., Fr. *a* 1044 Chapel st.
Merritt, A. K., Registrar (135 Elm st.) 1044 Chapel st.
Merritt, N. A., So. *a* 380 WH.
Merwin, H. W., Sr. *s* 28 College st.
Merwin, R. C., Fr. *s* 405 Temple st.
Meserve, H. C., Grad. *d* 108 W. D.
Metcalf, H. F., Jr. *s* 59 Wall st.
Metcalf, O. P., Fr. *a* 109 Wall st.
Metcalfe, L. R., Sr. *s* 389 Temple st.
Meyer, E. I., Sr. *a* 278 L.
Meyer, W. C., Sr. *l* 60 Whalley av.
Michel, J., Jr. *l* 1044 Chapel st.
Middleton, A., Fr. *s* 61 Grove st.
Miles, F. H., Fr. *s* 1161 Chapel st.
Millard, C. S., Jr. *s* 71 W. D.
Miller, C. A., Jr. *s* 117 Wall st.
Miller, C. H., Fr. *s* 242 York st.
Miller, F. H., Jr. *s* 206 Crown st.
Miller, H., Jr. *s* 152 Grove st.
Miller, H. G., Sr. *a* 53 V.
Miller, J. B., *g* 567 Howard av.
Miller, J. J., Fr. *s* 409 Temple st.
Miller, J. V., So. *a* 276 Elm st.
Miller, O. H., Jr. *s* 117 Wall st.
Miller, R. H., So. *a* 133 Wall st.
Miller, R. R., Sr. *s* 139 Elm st.
Miller, T. W., So. *a* 276 Elm st.
Miller, W. S., Jr. *a* 228 D.
Milliken, G. H., Fr. *s* 264 York st.
Milliken, S. M., Fr. *a* 264 York st.
Mills, P. D., Fr. *s* 199 York st.
Mills, R. D., So. *a* 22 College st.
Miner, F. S., Jr. *m* 28 Dwight st.
Minor, E. E., Jr. *s* 123 Columbus av.
Mitchell, C. H., Fr. *s* 57 Prospect st.
Mitchell, D. D., Sr. *a* 151 F.
Mitchell, J. G., Sr. *a* 19 V.
Mitchell, J. L., *g* 238 Grand av.
Mitchell, R., Jr. *s* 117 Wall st.
Mitchell, S. K., Fr. *a* 318 Elm st.
Mitchell, W. L., Sr. *s* Edgewood
Mix, H. A., Jr. *l* W. Haven

Mixter, G. W., Sr. *s* 144 Edwards st.
Mixter, W. G., Prof. (8 S. H.) 144 Edwards st.
Monell, T., So. *a* 396 B.
Monks, J. B., Fr. *s* 58 Lyon st.
Montgomery, G. D., Fr. *a* 1079 Chapel st.
Montgomery, P., Sr. *a* 235 D.
Moore, D. T., Jr. *s* 131 Grove st.
Moore, G. C., Fr. *a* 73 Howe st.
Moore, H. N., Jr. *l* Ansonia
Moore, J. K., Sr. *a* 277 L.
Moore, J. O., So. *a* 318 Elm st.
Moore, M., Jr. *l* 1142 Chapel st.
Moore, T. C., Sr. *a* 7 College st.
Moore, W. A., Sr. *a* 72 S. M.
Moore, W. E. F., So. *a* 386 B.
Moré, J. O., Jr. *a* 113 N.
Morgan, G. N., Sr. *s* 139 Elm st.
Morgan, J. E., Jr. *l* 1233 Chapel st.
Morgan, J. H., Jr. *l* 205 Crown st.
Morgan, L. W., Sr. *d* 30 E. D.
Morgan, W. C., Jr. *a* 397 B.
Morgan, W. S., Lect'r. 186 Crown st.
Moriarty, A. I., Sr. *l* 84 Wall st.
Morrill, A. P., Jr. *s* 117 Wall st.
Morrill, G. P., Fr. *s* 166 York st.
Morris, A. V., Fr. *s* 1193 Chapel st.
Morris, C. G., Sr. *a* 18 V.
Morris, C. S., Jr. *a* 408 Crown st.
Morris, E. B., Fr. *s* 159 Elm st.
Morris, E. P., Prof. 112 College st.
Morris, G., Fr. *a* 254 York st.
Morrison, C. H., Fr. *s* 35 College st.
Morrison, E., *g* A.
Morrison, R., Fr. *s* 37 College st.
Morrissey, D., Jr. *l* 9 Library st.
Morrogh, C. A., Sr. *s* 131 High st.
Mosle, C. F., So. *a* 63 V.
Mossman, B. E., Fr. *a* 27 High st.
Motter, S. I., Jr. *a* 392 B.
Moulton, W. J., Grad. *d* 38 E. D.
Mueller, W. G. D., Grad. *l* 127 Dwight st.
Mullaly, M., Fr. *a* 76 S. M.
Mullen, G. A., Fr. *a* 10 Ashmun st.
Mulvey, F. J., Fr. *s* 523 East st.
Mundy, F. W., Fr. *a* 1079 Chapel st.
Mundy, N. H., Jr. *a* 384 B.
Munger, R. L., So. *a* 349 WH.
Munson, C. L., Lecturer Williamsport, Pa.
Munson, P. B., Fr. *s* 1204 Chapel st.
Murphy, F. T., So. *a* 63 W. D.
Murphy, J. K., So. *a* 85 Sachem st.
Murray, H. H., *g* 54 Garden st.
Murray, L., Fr. *s* 395 Temple st.
Murray, W., Jr. *s* 58 Dixwell av.
Myers, G. H., Fr. *a* 226 York st.
Myers, S. R., Jr. *d* 26 E. D.
Nadler, A. G., Mid. *m* 122 Olive st.
Narramore, A. W., *f* Ansonia
Neal, R. C., Fr. *a* 1142 Chapel st.
Neale, J. B., Jr. *a* 264 L.
Neergaard, C. F., So. *a* 326 W.
Neithercut, R. I., Fr. *s* 22 College st.
Nelson, T., Instr. 57 Lake pl.
Nesbit, R. C., Sr. *a* 29 V.
Nettleton, G. H., Jr. *a* 161 F.
Newcombe, B., So. *a* 166 York st.
Newmyer, T. D., Fr. *a* 159 Elm st.
Newton, E. P., So. *a* 273 L.
Newton, F. E., Sr. *s* 53 Trumbull st.
Newton, H. A., Prof. 238 Prospect st.
Nicholas, G. T., Jr. *s* 131 Grove st.
Nichols, R. H., *g* 116 College st.
Nichols, W. W., Instr. 2 Hillhouse av.
Nicholson, E. K., Jr. *a* Bridgeport
Niemeyer, J. H., Prof. (8 Art School) 251 Lawrence st.
Niggeman, R. A., Sr. *s* 120 High st.
Nisbet, W. B., Fr. *s* 147 College st.
Noble, E. L., Mid. *d* 96 W. D.
Noble, H. P., Fr. *s* 2 Audubon st.
Nolan, H. E., So. *a* 120 High st.
Nolan, J. S., Sr. *a* 291 W.
Noon, T. W., Jr. *a* 191 C.
Norris, E. K., Fr. *a* 91 Park st.
North, F. S., Fr. *s* 411 Temple st.
North, H. M., Fr. *s* 159 Elm st.
North, J. R., Sr. *s* 120 College st.
North, J. S., Fr. *s* 411 Temple st.
Norton, E. F., Jr. *d* 67 W. D.
Norton, J. T., Fr. *a* 1145 Chapel st.
Noyes, E. C., Fr. *a* 37 Lynwood st.
Noyes, E. H., Fr. *s* 393 Temple st.
Noyes, J. R., Sr. *a* 109 N.
Nutting, H. C., Sr. *a* 165 F.
Oakley, L. C., Jr. *a* 181 L.
O'Brien, J. M., Jr. *m* 420 Winthrop av.
O'Connell, M. J., Jr. *m* 309 Exchange st.
Oertel, H., Instr. 31 York sq.
Oldershaw, F. H., Sr. *s* 173 Oak st.
Oliver, D. B., Fr. *s* 397 Temple st.
Olney, J. W., So. *a* 370 WH.
Osborn, C. H., Sr. *s* 96 Ellsworth av.
Osborn, L. E., Clerk (3 S. H.) 406 Orange st.

Osborne, C. A., Sr. *d* 26 Gill st.
Osborne, N. C., *f* 26 Gill st.
Osborne, O. T., Ass't Prof. 252 York st.
Osgood, A. T., Sr. *a* 17 V.
Osgood, E. E., Sr. *a* 108 N.
Osterman, A. J., Mid. *m* 69 Hill st.
Otis, N. D., Fr. *a* 9 Library st.
Otis, T. G., Fr. *s* 135 College st.
Oviatt, E. S., Jr. *a* 231 D.
Owen, E. H., Fr. *s* 159 Elm st.
Owen, W. H., So. *a* 22 College st.
Owsley, P. O., Sr. *s* 131 Grove st.
Oyabe, J., Sr. *d* 117 W. D.
Packer, W. S., Fr. *a* 1204 Chapel st.
Paddock, H. W., So. *a* 371 WH.
Page, C. S., Mid. *m* 371 Crown st.
Page, W. E., Jr. *d* 77 W. D.
Pallman, T. D., Jr. *m* 494 Winthrop av.
Palmer, A. H., Prof. (117 N.) 42 Mansfield st.
Palmer, F. G., Fr. *s* 419 Temple st.
Palmer, W. W., Sr. *s* 59 Wall st.
Pardee, A. D., Jr. *a* 264 L.
Paret, W. P., Jr. *a* 21 V.
Park, C. E., Jr. *a* 163 F.
Parke, H. C., So. *a* 354 WH.
Parke, J. L., So. *a* 383 B.
Parker, B. W., Fr. *a* 250 Crown st.
Parker, E. V., *f* Clinton
Parker, F. J., Sr. *s* 206 Crown st.
Parker, G., Fr. *a* 331 WH.
Parker, G. L., So. *a* 394 B.
Parker, H. W., Prof. (3 TR.) 162 Prospect st.
Parker, L. G., Jr. *s* 332 Temple st.
Parker, W. H., Ass't. 99 Sherman av.
Parmelee, H. D., Sr. *a* 140 College st.
Parsons, H. I., Sr. *a* 214 D.
Parsons, W. E., Sr. *a* 183 LYC.
Parsons, W. U., Sr. *s* 130 Wall st.
Patterson, F. M., Jr. *a* 41 V.
Patterson, S., So. *a* 114 High st.
Patterson, W. L., Jr. *a* 36 V.
Paxton, T. B., Jr. *a* 50 V.
Payne, C. T., Fr. *a* 82 Whalley av.
Payne, W. K., Sr. *a* 238 D.
Paynter, R. G., Sr. *a* 234 D.
Peabody, A. S., Sr. *a* 1044 Chapel st.
Pearce, A. W., Jr. *s* 109 Wall st.
Pearson, A., Grad. *l* 99 Howe st.
Pearson, A. J., *g* 99 Winchester av.
Pease, E. W., Sr. *d* 73 W. D.
Pease, H. W., Sr. *a* 250 L.
Peasley, F. M., Sr. *l* 91 Clark st.
Peck, C. B., Sr. *s* 132 Wall st.
Peck, C. E., Jr. *s* 59 Grove st.
Peck, D. E., Fr. *a* 270 L.
Peck, E. W., *g* Stratford
Peck, G. L., Sr. *l* W. Haven
Peck, H., Jr. *l* Derby
Peck, H. S., Jr. *a* 212 D.
Peck, H. W., Fr. *s* 99 Howe st.
Peck, J. H., Sr. *a* 44 V.
Peck, P. C., Jr. *a* 146 F.
Peck, R. E., Ass't. 486 Elm st.
Peck, T., Prof. 124 High st.
Peck, T., Sr. *a* 124 High st.
Peck, W., Fr. *s* 235 Bishop st.
Peck, W. H., Fr. *a* 99 Howe st.
Peddie, J. W., Sr. *l* 37 Wooster pl.
Peery, J. S., Sr. *l* 82 Broadway
Peet, R. A., Sr. *a* 14 V.
Peirce, A. W., Ass't. (Kent Lab.) 117 Elm st.
Peiter, F., Jr. *s* Bridgeport
Peix, C. H., Fr. *a* 281 Crown st.
Pelton, C. A., Jr. *a* 379 WH.
Penfield, S. L., Prof. (2 P.) 14 S. H.
Penfield, W. G., Jr. *s* 41 Beers st.
Penn, W. F., Jr. *m* 27 Garden st.
Perdue, R. H., Jr. *s* 36 Elm st.
Perew, R. J., Jr. *s* 126 Wall st.
Perkins, E. C., Fr. *a* 328 W.
Perkins, H. A., Jr. *a* 236 D.
Perrin, B., Prof. (133 F.) 46 Mansfield st.
Perrin, J. H., Sr. *a* 302 W.
Perry, C., Grad. *d* 114 W. D.
Perry G. B., Fr. *a* 169 F.
Perry, J. H., Instr. Southport
Persons, F. T., *g* 40 Whalley av.
Peterson, S., Sr. *a* 55 Prospect st.
Pettee, L. G., Fr. *a* 125 N.
Pettis, C. M., Jr. *s* 37 High st.
Pettit, J. S., Prof. 430 Temple st.
Pfeiffer, A. J. J., *g* Ansonia
Pfingst, G. B., So. *a* 114 High st.
Phelps, E. J., Prof. 269 Humphrey st.
Phelps, G. A., Sr. *a* 13 V.
Phelps, I. K., *g* 347 Crown st.
Phelps, J. S., Sr. *s* 226 Crown st.
Phelps, M. B., Jr. *s* 117 Wall st.
Phelps, W. L. Instr. (70 S. M.) 44 Trumbull st.
Phelps, Z. B., Sr. *a* 293 W.
Phillips, A. W., Prof. (155 F.) 209 York st.
Phillips, G. W., Sr. *d* Westville

Phillips, T. W., Fr. *s* 395 Temple st.
Phipps, J. S., Jr. *s* 34 Hillhouse av.
Piatt, J. N., Sr. *l* 12 Whalley av.
Pickands, H. S., Fr. *s* 391 Temple st.
Pickett, C. E., Sr. *l* 1157 Chapel st.
Pierce, C. P., Jr. *d* 115 W. D.
Pierce, J. F., So. *a* 22 College st.
Pierpont, J. P., Lecturer 390 Howard av.
Pierson, S. E., Sr. *l* 311 Crown st.
Pike, W. K., Fr. *s* 57 Prospect st.
Pike, W. W., Sr. *s* 159 Elm st.
Pinchot, A. R. E., So. *a* 344 WH.
Pirsson, L. V., Ass't. Prof. (2 P.) 14 S. H.
Polk, J. M., Jr. *s* 107 Wall st.
Pond, A., Jr. *s* 59 Wall st.
Pond, B. W., So. *a* 94 S. M.
Pond, E. W., Mid. *d* 31 E. D.
Pond, M. A., Ass't. 57 Grove st.
Porter, B. H., So. *a* 358 WH.
Porter, F. C., Prof. (11 E. D.) 266 Bradley st.
Porter, J. H., Fr. *s* 413 Temple st.
Porter, L. H., Jr. *a* 358 WH.
Porter, P. R., Fr. *a* 321 W.
Porter, W. F., So. *a* 139 Whalley av.
Post, A., Grad. *d* 103 W. D.
Potter, G. van H., Jr. *l* 170 York st.
Potter, J. M., Sr. *a* 251 Crown st.
Potter, M. T., *f* 23 Brown st.
Pouch, W. H., Jr. *s* 332 Temple st.
Poulet, A., So. *a* 251 Crown st.
Powell, A. C., Res. lic. *d* 430 Orchard st.
Pratt, A. S., Jr. *a* 130 F.
Pratt, H. H., Fr. *s* 289 York st.
Pratt, J. H., Ass't. 99 Howe st.
Preston, D. C., Fr. *s* 83 Grove st.
Price, C., *g* 103 Park st.
Prince, W. F., Jr. *a* 39 William st.
Pruyn, F., So. *a* 193 C.
Pullman, J. S., Jr. *l* Bridgeport
Purinton, C. O., Fr. *s* 14 Whalley av.
Putnam, G. P., Jr. *s* 116 W. D.
Pyle, F. W., So. *a* 296 W.
Pyle, H. L., Jr. *d* 100 W. D.
Quinan, H. B., Fr. *s* 83 Grove st.
Quinby, J. R., Sr. *s* 88 Wall st.
Quinby, S. L., Jr. *s* 90 Wall st.
Rall, H. F., Jr. *d* 47 E. D.
Ramsden, C. T., Jr. *s* 125 High st.
Rand, R. F., Sr. *s* 124 W. D.
Ransom, A. E., Fr. *s* 60 Grove st.
Rawson, F. H., Sr. *a* 291 W.
Ray, W. S., Fr. *a* 90 High st.
Raymond, D. L., Sr. *s* 22 College st.
Raymond, F. A., Jr. *s* 196 Grove st.
Raynolds, E. V., Lecturer 62 Trumbull st.
Read, U. E., *g* 95 Olive st.
Ream, W. T., Jr. *d* 46 E. D.
Recknagel, H. S., Fr. *a* 382 Crown st.
Rector, F. C., Sr. *l* 64 Whalley av.
Redington, G. O., Grad. *l* 38 Elm st.
Reed, C. M., So. *a* 9 Library st.
Reed, E. B., *g* 58 W. D.
Reed, G., Jr. *s* 206 Crown st.
Reed, H. C., Sr. *s* 285 York st.
Reed, M. H., Jr. *a* 257 L.
Reed, R. D., Jr. *s* 90 Wall st.
Reeve, H. D., Fr. *a* 90 High st.
Reeves, C. E., Grad. *d* 109 W. D.
Reilly, F. H., Jr. *m* 127 Putnam st.
Remington, C. H., Sr. *a* 284 W.
Resor, W. G., So. *a* 78 S. M.
Reynolds, H. M., Prof. 38 V.
Reynolds, T. E., Jr. *a* 225 D.
Reynolds, W. G., Sr. *a* 159 F.
Rhodes, G. B., Fr. *a* 473 Elm st.
Rice, A., Jr. *d* 100 W. D.
Rice, J. W., Sr. *d* 25 E. D.
Rich, F. R., Ass't. 55 Dwight pl.
Rich, G. B., Fr. *s* 22 College st.
Richards, A. E., Fr. *a* 142 F.
Richards, A. N., So. *a* 79 S. M.
Richards, C. B., Prof. (111 Winch.) 137 Edwards st.
Richards, E. L., Prof. (118 N.) 315 York st.
Richards, J. H., Sr. *a* 79 S. M.
Richards, L. C., Sr. *s* 55 Prospect st.
Richards, W. M., Sr. *a* 86 S. M.
Richardson, F. E., Fr. *a* 576 George st.
Richardson, R. K., Fr. *a* 99 Howe st.
Richmond, E. M., Jr. *a* 72 W. D.
Richmond, G. C., Sr. *a* 97 Olive st.
Riddle, H. H., Fr. *a* 199 York st.
Riggs, M. L., *g* Bridgeport
Riley, W. B., Jr. *l* 9 Library st.
Ripley, G. M., Fr. *a* 31 High st.
Ripley, J. A., Fr. *a* 11 V.
Ripley, P. F., So. *a* 153 F.
Rising, H. B., Sr. *m* 391 George st.
Robbins, F. O., Jr. *a* 130 F.
Robbins, W. P., Jr. *a* 27 V.
Robert, H. M., Jr. *a* 109 York st.
Roberts, H. F., Tutor 267 L.
Robinson, A. C., Fr. *a* 22 College st.

Robinson, A. M., Jr. *l* 115 Day st.
Robinson, C. L. F., Sr. *s* 42 Elm st.
Robinson, E. L., Jr. *a* 83 S. M.
Robinson, H. Holdship, Sr. *s* 86 Wall st.
Robinson, H. Hollister, Sr. *s* 134 College st.
Robinson, J. J., Instr. 170 F.
Robinson, M. P., Sr. *m* 381 Crown st.
Robinson, P. S., Ass't. 164 Grand av.
Robinson, W. C., Prof. (157 Church st.) 1 Hillhouse av.
Rockwell, J. D., Jr. *a* 46 V.
Rockwell, M. W., Fr. *a* 82 Whalley av.
Rodgers, J. O., Fr. *a* 341 WH.
Rodman, T., Jr. *s* 165 York st.
Roe, J. W., Sr. *s* Dwight Hall
Roe, S. B., Sr. *s* 126 Wall st.
Rogers, D. F., Fr. *a* 256 L.
Rogers, H. L., Fr. *s* 103 Wall st.
Rogers, J. S., Fr. *a* 250 York st.
Rogers, L. H., Fr. *a* 398 B.
Rogers, M. N. S., *g* 77 Elm st.
Rollins, W. E., Sr. *d* 42 E. D.
Root, R. K., Fr. *a* 119 College st.
Root, R. T., Jr. *a* 258 L.
Rose, J. B., Fr. *s* 135 College st.
Ross, H. W., Fr. *s* 80 Webster st.
Ross, R. L., Jr. *a* 83 S. M.
Rountree, G. H., So. *a* 345 WH.
Rowe, W. G., So. *a* 187 C.
Rowe, W. H., Jr. *d* 36 E. D.
Rowland, H. H., Fr. *a* 38 Lynwood st.
Rowland, J. E., Jr. *l* 162 Brewery st.
Rowland, W. E., Clerk (5 Tr.) 212 Orchard st.
Ruggles, A. G., So. *a* 22 College st.
Rumrill, C. J., Jr. *a* 82 Whalley av.
Runkle, M. S., Jr. *d* 76 W. D.
Rusher, J. D., Fr. *a* 163 York st.
Russel, T. F., So. *a* 1076 Chapel st.
Russell, J. C., Fr. *s* 62 Lake pl.
Russell, Talcott H., Instr. (157 Church st.) 64 Grove st.
Russell, Thomas H., Prof. 137 Elm st.
Rustin, F., Sr. *s* 43 College st.
Ryals, E. A., Fr. *s* 86 Humphrey st.
Ryder, E. M. T., Jr. *s* 66 W. D.
Ryder, H. V., So. *a* 193 C.
Ryder, R. O., Fr. *a* 419 B.
Ryman, T. B., Fr. *s* 156 Grove st.
Sadler, S. B., Jr. *a* 2 V.
Sage, A. G. C., Jr. *a* 61 V.
Sage, D., So. *a* 280 L.
Sage, D. L., So. *a* 1076 Chapel st.
Sage, H. W., Sr. *a* 62 V.
St. John, S. B., Lecturer Hartford
Sallmon, W. H., Sec'y. Dwight Hall
Salter, J. C., So. *a* 79 Wall st.
Samson, G. W., So. *a* 82 S. M.
Sanborn, E. S., Sr. *d* 28 E. D.
Sandbo, A., Grad. *d* 104 W. D.
Sanders, F. K., Prof. 77 Mansfield st.
Sands, J. L., Jr. *s* 117 Wall st.
Sanford, H. S., Sr. *l* 117 Elm st.
Sanford, S. S., Prof. (10 WH.) Bridgeport
Sargent, H. E., Jr. *s* 120 High st.
Sarles, J. E., Jr. *d* 46 E. D.
Satterfield, J. M., Fr. *s* 389 Temple st.
Saunders, F. E., Fr. *s* 242 York st.
Sawtelle, A. E., *g* 70 Whalley av.
Sawyer, E., Fr. *a* 313 W.
Sawyer, J. D., Jr. *a* 34 V.
Sawyer, J. P., So. *a* 390 B.
Sawyer, R. V., Fr. *s* 54 Grove st.
Saxon, L., Sr. *s* 37 Silver st.
Sayles, N. W., Sr. *a* 263 L.
Scarborough, H. S., Sr. *a* 165 F.
Scheftel, H. A., Fr. *a* 163 York st.
Schenck, D. D., Fr. *s* 411 Temple st.
Schermerhorn, A. E., Sr. *a* 319 W.
Schieffelin, F. A. M., Fr. *s* 103 Wall st.
Schmidt, G. W., So. *a* 373 WH.
Schreiber, G. G., Fr. *a* 224 D.
Schultz, C. H., So. *a* 117 Wall st.
Schultz, C. R., Fr. *s* 409 Temple st.
Schurig, E. G., Sr. *s* 105 Hamilton st.
Schuyler, G. H., Jr. *a* 209 D.
Schwab, E. F., *f* 30 Trumbull st.
Schwab, J. C., Ass't Prof. 30 Trumbull st.
Schwill, R., Jr. *a* 350 WH.
Scott, A., Jr. *a* 404 B.
Scott, W., Sr. *l* 2 Audubon st.
Scoville, W. H., Sr. *a* 109 N.
Scoville, W. L., Jr. *a* 28 Edgewood av.
Scranton, J. H., Fr. *a* 155 Elm st.
Scranton, W., Fr. *a* 199 York st.
Scranton, W. D., Fr. *s* 132 Howe st.
Scripture, E. W., Instr. (109 Elm st.) 734 Elm st.
Scudder, H., Jr. *a* 135 F.
Sears, H. D., Jr. *a* 371 Crown st.
Sears, P. R., Fr. *s* 219 York st.
Seashore, C. E., *g* 149 St. John st.
Seaver, J. W., Director (Gymn.) 233 York st.

Sedgwick, H. M., *g* 225 Crown st.
Seed, A. H., Fr. *s* 311 York st.
Seery, E. L., Sr. *l* 413 Orange st.
Selin, W. E., Fr. *a* 128 N.
Selleck, E. E., Fr. *s* 261 Orange st.
Setchell, H. E., Fr. *s* 212 English st.
Setchell, W. A., Instr. 2 Hillhouse av.
Seward, G. H., Sr. *s* 105 Wooster st.
Seymour, O. S., Jr. *l* 114 College st.
Seymour, T. D., Prof. (121 N.) 34 Hillhouse av.
Shall, F. H., Fr. *a* 283 Crown st.
Shares, H. R., Fr. *s* 29 Eld st.
Sharp, G. M., Lecturer Balt., Md.
Shaw, F. M., Fr. *a* 221 York st.
Shaw, G. W., Sr. *s* 88 Wall st.
Shaw, J. E., Fr. *s* 425 Temple st.
Sheahan, M. J., Mid. *m* 361 Blatchley av.
Sheehan, F. W., Fr. *a* 281 Crown st.
Sheehan, W. J., Sr. *m* W. Haven
Sheldon, L. P., Jr. *a* 230 D.
Sheldon, P. F., So. *a* 1010 Chapel st.
Shepard, E. F., Fr. *a* 48 V.
Shepard, W. K., Fr. *s* 78 Dickerman st.
Shepley, A. B., Sr. *a* 86 S. M.
Sheppard, R. L., Jr. *s* 59 Wall st.
Sherer, D. B., Fr. *s* 242 York st.
Sheridan, J. J., Grad. *l* 38 Elm st.
Sherman, C. P., Jr. *a* 212 Orchard st.
Sherman, E. H., Jr. *s* 125 High st.
Sherman, F. D., Sr. *s* 126 Wall st.
Sherrard, T. H., So. *a* 373 WH.
Sherwood, A. C., So. *a* 349 WH.
Sherwood, M. S., Jr. *m* 384 Crown st.
Shipman, F. C., Fr. *s* 90 Park st.
Shipman, N., Lecturer Hartford
Shoemaker, M. M., Jr. *a* 51 V.
Shone, R. H., Fr. *a* 170 York st.
Short, W. H., Jr. *d* 49 E. D.
Short, W. M., Mid. *d* 37 E. D.
Shroder, W. J., Fr. *a* 252 York st.
Shute, M. A., *g* 137 Wall st.
Sicard, E. M., So. *a* 369 WH.
Siglar, H. B., So. *a* 25 High st.
Sillcocks, H., Fr. *a* 22 College st.
Silverstein, A., So. *a* 1010 Chapel st.
Simmons, F. H., Fr. *a* 173 F.
Simmons, F. W., Fr. *s* 137 College st.
Simpson, J. H., So. *a* 374 WH.
Simpson, O. L., Fr. *s* 1142 Chapel st.
Skinner, A. E., Sr. *a* 106 N.
Slade, A. B., Fr. *s* 114 High st.
Slade, B., Sr. *l* 858 State st.
Sloan, T. G., Jr. *s* 38 High st.
Sloane, A. J., Jr. *m* 112 Greene st.
Sloane, W., Sr. *a* 33 V.
Smirnow, L. M., Sr. *m* 286 Wooster st,
Smith, A. D., Fr. *a* 31 Lake pl.
Smith, C. H., Prof. (243 L.) 284 Orange st.
Smith, C. L. P., Jr. *m* 112 Greene st.
Smith, D. R., Sr. *l* 65 York st.
Smith, E. B., Fr. *a* 114 High st.
Smith, E. D., Jr. *a* 113 N.
Smith, Edw. L., So. *a* 1016 Chapel st.
Smith, Egbert L., Mid. *m* Milford
Smith, E. T., Jr. *m* Bridgeport
Smith, F. B., Jr. *s* 407 Temple st.
Smith, George A., Jr. *a* 74 S. M.
Smith, Grace A., *g* Ansonia
Smith, H. A., Instr. 102 N.
Smith, H. E., Prof. (25 Med. School) 430 George st.
Smith, H. F., Jr. *m* 25 Broadway
Smith, Henry K., Fr. *a* 313 York st.
Smith, Herbert K., Sr. *l* 83 Elm st.
Smith, J. D., So. *a* 332 WH.
Smith, J. R., Fr. *a* 1079 Chapel st.
Smith, J. S., Libr'n. (Libr.) 257 St. Ronan st.
Smith, L. W., Sr. *s* 131 Grove st.
Smith, M. E., Fr. *s* Branford
Smith, N. W., Jr. *a* 152 F.
Smith, R. H. B., Jr. *a* 91 S. M.
Smith, S. I., Prof. (78 B. L.) 147 Whalley av.
Smith, T. E., Jr. *s* 53 Prospect st.
Smith, T. L., *g* 136 Sherman av.
Smith, T. M., Fr. *a* 261 Crown st.
Smith, W. D., Jr. *a* 236 D.
Smith, W. D. G., Jr. *a* 55 V.
Smyth, N. A., So. *a* 328 Temple st.
Sneath, E. H., Ass't. Prof. 331 Temple st.
Snell, H. B., Fr. *s* 105 Wooster st.
Sniffen, E. W., Jr. *s* 76 Howe st.
Snyder, D. J., Sr. *l* 1044 Chapel st.
Snyder, H. M., Sr. *a* 116 N.
Solomon, E. N., Sr. *a* 299 W.
Somers, G. E., So. *a* 11 Vernon st.
Sonnenberg, L. M., So. *a* 696 State st.
Southard, G. H., Sr. *s* 42 Elm st.
Spalding, C. G., Fr. *s* 9 High st.
Spalding, H. A., Jr. *a* 231 D.
Spalding, W. A., Demonstrator 9 High st.
Spaulding, F. E., So. *a* 1010 Chapel st.
Spaulding, R. C., So. *a* 82 S. M.

Speer, J. B., Sr. *a* 294 W.
Speidel, J. Jr. *s* 132 Wall st.
Spellman, C. F., Jr. *a* 54 V.
Spencer, F. C., *g* 411 Temple st.
Spencer, S. S., Fr. *s* 22 College st.
Sperling, C. N., Sr. *d* 21 E. D.
Sperry, A. J., *f* Derby
Spier, S. L., Jr. *m* 145 Bradley st.
Spinello, J. M., Jr. *a* 124 E. Pearl st.
Spock, B. I., Sr. *a* 217 D.
Spreyer, C. C., Fr. *a* 38 Elliott st.
Spring, S. N., Fr. *a* 97 N.
Squires, A. J., Jr. *a* 81 S. M.
Stahl, C. F., Jr. *l* 556 Chapel st.
Staley, M. V., *g* 125 Dwight st.
Stalter, E. G., Jr. *a* 415 B.
Stark, W. A., Jr. *s* Ansonia
Starkweather, G. P., Ass't. 344 Cedar st.
Starkweather, W. J., Jr. *a* 99 Wall st.
Starr, H. W., Sr. *a* 221 D.
Stauffer, J. K., Sr. *a* 124 N.
Stearns, H. P., Lecturer Hartford
Stearns, L. D., Jr. *s* 130 Wall st.
Stearns, T. C., Lecturer 12 Univ. pl.
Steele, E. L., Jr. *l* 233 York st.
Stephenson, C. S., Sr. *s* 86 Wall st.
Stephenson, F. B., Sr. *s* 131 Grove st.
Sterns, W. H., Jr. *d* 122 W. D.
Stevens, A. H., *g* A.
Stevens, E. G., Sr. *a* 138 F.
Stevens, F. K., Fr. *s* 242 York st.
Stevens, G. B., Prof. (12 E. D.) 68 Trumbull st.
Stevens, G. E., Sr. *s* 127 College st.
Stevens, J. M., Mid. *d* 53 E. D.
Stevenson, H. L., Fr. *s* 57 Prospect st.
Stevenson, T. H., Sr. *a* 138 F.
Stewart, D., Jr. *a* 20 V.
Stewart, L. H., Jr. *m* 157 York st.
Stewart, L. V., Jr. *l* 2 Audubon st.
Stillman, P. T., Sr. *s* 43 College st.
Stilson, C. H., Fr. *s* 269 Canner st.
Stimson, C. F., Jr. *d* 48 E. D.
Stimson, G. P., Fr. *a* 136 Dwight st.
Stires, M. F., So. *a* 109 York st.
Stocker, F. R., Fr. *a* 339 George st.
Stoddard, C. I., Jr. *s* 792 Chapel st.
Stoddard, R. C. F., Jr. *l* Milford
Stoeckel, G. J., Prof. Norfolk
Stokes, A. P., Jr. *a* 68 V.
Street, H. L., Sr. *a* 15 V.
Street, N. A., Fr. *a* 47 V.
Streeter, E. C., Fr. *a* 261 Crown st.
Strong, A. T., So. *a* 22 College st.
Strong, H. G., Jr. *a* 158 F.
Strong, J. B., Jr. *s* 314 York st.
Strong, J. P., Clerk (5 TR.) 222 Sherman av.
Strong, R. U., Fr. *a* 22 College st.
Strong, T. S., Jr. *a* 135 F.
Strong, W. M., *g* 41 High st.
Stuart, D., Jr. *a* 300 W.
Stuart, W. H., So. *a* 120 High st.
Sturges, C. B., Jr. *s* 22 College st.
Sturges P. F., Jr. *a* 177 F.
Styles, L. S., Jr. *m* 40 Lynwood st.
Sugita, K., Grad. *l* 438 Elm st.
Sulcov, L. A., Jr. *a* 99 N.
Sumner, E., Jr. *a* 140 Edwards st.
Sumner, G., So. *a* 120 N.
Sumner, G. S., Sr. *a* 144 F.
Sumner, W. G., Prof. (120 N.) 140 Edwards st.
Sutherland, H. H., Jr. *s* 66 W. D.
Sutphin, D. V., So. *a* 202 D.
Sutro, V., So. *a* 378 WH.
Sutton, H. L., So. *a* 388 B.
Swain, H. L., Lecturer 232 York st.
Swan, J. R., Sr. *a* 19 V.
Sweeney, J. C., Jr. *l* 219 Whalley av.
Swift, I. N., Fr. *a* 341 WH.
Szekely, N. S., Sr. *l* 87 Olive st.
Tailer, J. B., Jr. *a* 287 W.
Talcott, J. G., Sr. *a* 101 N.
Talmage, J. F., Sr. *a* 217 D.
Tappen, C. M., So. *a* 1010 Chapel st.
Tate, D. S., So. *a* 354 WH.
Taylor, E. G., Sr. *a* 308 W.
Taylor, E. M., So. *a* 59 W. D.
Taylor, F. C., Jr. *l* Stamford
Taylor, G. B., So. *a* 156 F.
Taylor, H., Jr. *a* 219 D.
Taylor, H. K., Sr. *a* 323 W.
Taylor, R. L., Instr. 67 Mansfield st.
Teasdale, B. J., So. *a* 84 S. M.
Tenney, F. W., Fr. *a* 111 York st.
Terrill, F. M., Jr. *s* 37 College st.
Terry, A. H., Fr. *a* 30 Hillhouse av.
Terry, J., Sr. *s* 134 College st.
Terry, R., Fr. *a* 206 D.
Tew, S. D., *g* 335 Orange st.
Thacher, T., Lecturer N. Y. City
Thaw, J. C., Jr. *s* 90 Wall st.
Thaxter, B. A., So. *a* 87 S. M.
Thayer, C. S., Sr. *d* 40 E. D.
Thayer, H. W., Sr. *a* 164 F.
Thayer, J. B., Lecturer Cambridge, Mass.

Thayer, R. H., Sr. *s* 131 Grove st.
Thayer, W. M., Jr. *s* 37 Lynwood st.
Thetford, W. F., Sr. *l* 59 Broadway
Thomas, C. E., So. *a* 420 B.
Thomas, E. S., Sr. *l* W. Haven
Thomas, G. H., Sr. *a* 43 V.
Thomas, H., Sr. *a* 221 D.
Thomas, I. B., *g* A.
Thomas, J. E., Mid. *d* 18 E. D.
Thompson, A. P., Jr. *s* 107 Wall st.
Thompson, A. R., Jr. *a* 152 F.
Thompson, B. F. C., So. *a* 367 WH.
Thompson, F. M., Jr. *a* 23 V.
Thompson, F. W., Sr. *a* 42 V.
Thompson, G. C., *g* 138 St. John st.
Thompson, G. E., Sr. *s* 94 York sq.
Thompson, G. V. Tutor 351 WH.
Thompson, H. C., Mid. *m* 713 Chapel st.
Thompson, J. H., So. *a* 64 High st.
Thompson, P., Jr. *s* 407 Temple st.
Thompson, W. H., Fr. *a* 127 N.
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Thrall, F. C., Jr. *s* 114 High st.
Thurston, C. S., Sr. *a* 183 LYC.
Thurston, L., Fr. *a* 260 L.
Tilley, D. E., Sr. *l* 225 Crown st.
Tillotson, E., So. *a* 294 Lawrence st.
Tilney, F., So. *a* 370 WH.
Tilson, W. J., Jr. *l* 1 TR.
Tilton, A. C., Jr. *a* 258 L.
Tilton, G. E., Sr. *l* 1044 Chapel st.
Tirrell, P. H., So. *a* 391 B.
Tobel, A. E. von, Jr. *a* 89 S. M.
Todd, F. H., Sr. *s* 62 Whalley av.
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Townsend, W. K., Prof. 148 Grove st.
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Tuttle, H. B., Fr. *s* 55 Prospect st.
Tuttle, H. E., Jr. *s* 53 Prospect st.
Tuttle, R. W., Sr. *a* 154 F.
Tuttle, W. R., *g* 34 Hillhouse av.
Tweedy, E. F., Fr. *s* 409 Temple st.
Twichell, D. C., So. *a* 280 L.
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Tyler, F. S., Sr. *a* 100 N.
Tyler, M. F., Prof. (139 Orange st.) 33 College st.
Tyler, S., Sr. *a* 176 F.
Tyler, S. W., Sr. *a* 164 F.
Tyler, V. M., Fr. *a* 33 College st.
Tytus, J. B., So. *a* 1076 Chapel st.
Tytus, R. deP., So. *a* 1076 Chapel st.
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Underwood, L. E., Jr. *s* 59 Grove st.
Updike, G. W., So. *a* 338 WH.
Vaile, W. N., Fr. *a* 373 Crown st.
Vaill, D. L., Jr. *a* 232 D.
Valentine, W., Fr. *s* 14 Whalley av.
van Beuren, F. T., Fr. *a* 248 York st.
Van Beuren, M. M., Jr. *a* 64 V.
Van Brunt, J., *f* Brooklyn, N. Y.
Van Buren, R. S., Fr. *s* 250 York st.

Vanderbilt, C., Sr. *a* 31 V.
Vandergrift, T. T., Sr. *s* 36 Elm st.
Vander Veer, E. A., Sr. *s* 133 Wall st.
Van Deusen, E. W., So. *a* 82 Whalley av.
Van Every, L. H., Fr. *s* 7 Library st.
Van Ingen, P., So. *a* 178 LYC.
Van Kirk, H., Sr. *d* 23 E. D.
Vann, I. D., So. *a* 391 B.
Van Name, A., Libr'n. (Libr.) 121 High st.
Van Name, W. G., Ass't. 121 High st.
Van Slyke, G. W., Sr. *s* 36 Elm st.
Van Slyke, W. H., Sr. *s* 36 Elm st.
Van Steenwyk, G., So. *a* 343 WH.
Van Winkle, C. T., Fr. *s* 55 Prospect st.
Vaughan, W. L., Fr. *a* 7 Library st.
Veader, H., *f* 702 Orange st.
Veech, J. A., Jr. *l* 23 Eld st.
Vennum, T. G., Jr. *a* 289 W.
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Verrill, A. E., Prof. (15 P.) 86 Whalley av.
Verrill, C. S., Fr. *s* 86 Whalley av.
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Vincent, W. G., Jr. *a* 271 L.
Vinten, E. S., Jr. *s* 89 Pearl st.
Voorheis, L. E., Fr. *s* 141 College st.
Vorhis, H. S., Sr. *a* 400 State st.
Wade, F. E., Jr. *a* 149 F.
Wade, G. K. B., Sr. *a* 56 V.
Wadhams, F. U., Sr. *a* 110 N.
Wadhams, N. S., Fr. *s* 22 Prince st.
Wadhams, S. H., Jr. *m* 318 Elm st.
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Wager, C. H. A., *g* 18 Dwight st.
Wager, W. W., Fr. *a* 135 Howe st.
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Wagner, H. G., Sr. *s* 40 Pearl st.
Waite, H. S., Sr. *s* 125 High st.
Wakeman, A. J., Instr. 72 Clark st.
Walbridge, C. C., Sr. *s* 126 Wall st.
Walden, P. T., Instr. 338 Orange st.
Wales, F. J., Jr. *m* 676 State st.
Walker, C. F., *g* 78 Lake pl.
Walker, C. R., *g* 83 Grove st.
Walker, E., Fr. *a* 294 Elm st.
Wallace, D. D., So. *a* 162 F.
Wallace, G. Y., Fr. *a* 199 York st.
Wallace, M. L., So. *a* 395 B.
Wallace, W. W., Mid. *d* 93 W. D.
Waller, C. B., Jr. *l* 134 Howe st.
Wallis, C. G., Fr. *s* 128 Wall st.
Wallis, N. W., So. *a* 1044 Chapel st.
Walsh, J. A., Fr. *a* 1096 Chapel st.
Walsh, J. deM., Jr. *s* 145 College st.
Walsh, J. W., Fr. *a* 339 WH.
Walter, A. G., Jr. *a* 189 C.
Walworth, C., So. *a* 60 W. D.
Walworth, J. J., Sr. *a* 277 L.
Ward, A. G., Fr. *a* 39 Lake pl.
Wardwell, A., Sr. *a* 214 D.
Ware, E. T., So. *a* 59 W. D.
Warfield, E. A., Grad. *d* 94 W. D.
Warner, C. B., Jr. *s* 333 York st.
Warner, G. H., Jr. *m* 142 York st.
Warnick, S. K., Sr. *a* 245 L.
Warnock, J. D., *g* 122 Howe st.
Warren, C. H., Jr. *s* 527 Orange st.
Warren, C. M., Fr. *a* 51 Lake pl.
Warren, J. M., Jr. *s* 114 High st.
Warren, M. P., Jr. *s* 90 Wall st.
Warrington, G. H., Sr. *a* 246 L.
Warsawski, H. S., Jr. *l* 105 St. John st.
Washington, C. M., Sr. *l* 65 Grove st.
Wathen, J. R., Sr. *a* 245 L.
Watrous, C. E., Sr. *s* 132 College st.
Watrous, G. D., Ass't. Prof. (153 Church st.) 261 Bradley st.
Wayland, F., Dean 175 Whitney av.
Weaver, G. A., Jr. *m* 117 Park st.
Weaver, H. A., Sr. *s* 186 Rosette st.
Weaver, H. P., Fr. *s* 409 Temple st.
Weaver, W. M., Mid. *m* 6 Elm st.
Webb, H. C., Sr. *l* 57 Pearl st.
Webb, K., So. *a* 346 WH.
Webster, H. C., Jr. *s* 101 W. D.
Weir, E. D., *f* 58 Trumbull st.
Weir, J. F., Prof. (9 Art School) 58 Trumbull st.
Welch, B. M., Jr. *l* 63 Goffe st.
Welch, C. W., Jr. *m* 209 Orchard st.
Welch, H. L., Jr. *m* 44 College st.
Welch, J. H., Jr. *s* 36 Elm st.
Welch, P. N., Fr. *a* 321 W.
Weller, C. H. Sr. *a* 105 N.
Weller, H. S., Fr. *s* 145 College st.
Weller, S., *g* 17 Lake pl.
Weller, W. M., *g* 94 W. D.
Welles, J., Fr. *a* 1044 Chapel st.
Wells, C. W., Jr. *a* 102 N.
Wells, E. A., So. *a* 104 N.
Wells, H. G., Sr. *s* 62 Whalley av.
Wells, H. L., Prof. 14 S. H.
Wells, T. B., Jr. *a* 74 Wall st.

Werner, F. M., Fr. *a* 1044 Chapel st.
Wesley, G. J., Fr. *a* 157 York st.
West, E. M., Fr. *s* 263 Orange st.
West, T. H., Jr. *s* 131 Grove st.
Westlund, J., *g* 30 Compton st.
Weston, G. C., Jr. *a* 247 L.
Wetmore, W. S. K., So. *a* 346 WH.
Weyer, E. M., Sr. *a* 60 V.
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Whalen, R. E., Jr. *a* 272 L.
Wheeler, A., So. *a* 156 Grove st.
Wheeler, A. L., Instr. 373 Crown st.
Wheeler, A. M., Prof. (207 D.) 86 Trumbull st.
Wheeler, A. S., Instr. Tremont House
Wheeler, C. A., Sr. *a* 72 S. M.
Wheeler, E. C., Mid. *d* 99 W. D.
Wheeler, F. H., Ass't. 221 Crown st.
Wheeler, J. E., Grad. *l* 486 Prospect st.
Wheeler, J. W., Sr. *a* 234 D.
Wheeler, L. H., Jr. *m* 289 York st.
Wheeler, L. P., *g* 156 Grove st.
Wheeler, W. M., Sr. *a* 151 F.
Wheelwright, J. S., So. *a* 374 WH.
Whinfield, R. W., Sr. *a* 124 N.
Whitaker, E. D., Fr. *a* 111 York st.
Whitaker, M. M., Jr. *a* 240 D.
Whitcomb, L. A., Sr. *l* 68 W. D.
Whitcomb, W. A., *g* 68 W. D.
White, B. A., Jr. *a* 289 W.
White, C. L., *g* 83 Grove st.
White, M. C., Prof. 48 College st.
White, Raymond S., Sr. *a* 205 D.
White, Roger S., Fr. *a* 69 Church st.
Whitelaw, W. N., Sr. *a* 122 N.
Whitin, P., Fr. *a* 260 L.
Whiting, A. H., Jr. *s* 425 Temple st.
Whitney, A. F., *f* 800 Whitney av.
Whitney, L., Jr. *s* 109 Wall st.
Whitney, P., Fr. *a* 203 York st.
Whittelsey, M. E., *f* 367 Prospect st.
Whittelsey, S. S., *g* 367 Prospect st.
Whittemore, E. R., Fr. *a* 13 Elm st.
Whittemore, E. W., Fr. *a* 409 B.
Wickenden, J. W., Jr. *a* 282 L.
Wickes, F., Fr. *a* 168 York st.
Wigginton, J. H., Sr. *l* 1241 Chapel st.
Wilcox, D. U., Sr. *s* 46 York sq.
Wilcox, H. B., Fr. *a* 363 Elm st.
Wilcox, H. W., Fr. *a* 363 Elm st.
Wilcox, L., Fr. *s* 297 York st.
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Wiley, G. P., Sr. *a* 212 D.
Wilkinson, R., Sr. *a* 218 D.
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Williams, Arthur C., Fr. *a* 142 F.
Williams, A. R., Jr. *s* 131 Grove st.
Williams, F. W., Instr. 135 Whitney av.
Williams, H. S., Prof. (109 Elm st.) 282 Prospect st.
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Wilson, C. C., Ass't. 57 N. S. H.
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Wilson, H., So. *a* 63 V.
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Wright, W. W., Fr. *s* 83 Grove st.
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